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PLUME RESPONSE PROGRAM

Final
Fuel Spill-12 (FS-12) Baseline Performance Monitoring Evaluation (PME) Data Report

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ACRONYMS AND ABBREVIATIONS

AFCEE	Air Force Center for Environmental Excellence
BTEX	benzene-toluene-ethyl benzene-xylene
DO	dissolved oxygen
EDB	ethylene dibromide
ETR	extraction, treatment, and reinjection
EW	extraction well
ft/ft	feet per foot
FS-12	Fuel Spill-12
gpm	gallons per minute
MCL	maximum contaminant level
MMR	Massachusetts Military Reservation
msl	mean sea level
MTBE	methyl tert butyl ether
mg/L	milligrams per liter
mV	millivolts
ORP	oxidation/reduction potential
ppb	parts per billion
PCE	tetrachloroethene (perchloroethylene)
PME	performance monitoring evaluation
TCA	trichloroethane
TCE	trichloroethene
UV/OX	ultraviolet/oxidation
VOC	volatile organic compound
µg/L	micrograms per liter

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1.0 INTRODUCTION

This Final *Fuel Spill-12 (FS-12) Baseline Performance Monitoring Evaluation (PME) Data Report* has been prepared for the Air Force Center for Environmental Excellence (AFCEE) as part of the U.S. Air Force Installation Restoration Program under Remedial Action Contract No. F41624-97-D-8006, Delivery Order No. 03. Jacobs Engineering Group Inc. has been contracted by AFCEE to execute the PME program and prepare quarterly summary reports.

This report describes baseline hydraulic and chemical monitoring data as well as hydraulic data collection during the first two weeks of operation of the FS-12 treatment plant. The time period is approximately September 4 to October 3, 1997 except as otherwise noted. Prior to the construction of the FS-12 extraction, treatment, and reinjection (ETR) system, an investigation of the horizontal and vertical extent of the FS-12 plume and soil lithology was conducted in late 1996 and early 1997 (Appendix A). That investigation was the basis of the plume definition used to develop the computer simulation of the plume from which the ETR system's well fields were designed.

The PME program (AFCEE 1998a) was developed to evaluate the effectiveness of the FS-12 ETR system in capturing the FS-12 plume (Figure 1-1). The effectiveness of the ETR system is evaluated by monitoring changes over time in aquifer hydraulics and groundwater chemistry in the area of the extraction and reinjection wells.

Baseline data were collected from the monitoring locations listed in Table 1-1 prior to operation of the system in order to determine the hydraulic and chemical conditions existing just prior to start-up of the ETR system. Figure 1-2 shows the location of the FS-12 plume and the wells used by the PME program for hydraulic monitoring. Figure 1-3 shows the location of all wells used by the PME program for chemical monitoring.

Hydraulic data were collected prior to the start-up of the treatment plant and during the first two weeks of operation in order to monitor changes in hydraulic conditions in the area of the ETR system under the gradually increasing stresses applied by the system. Chemical monitoring was not conducted during the first weeks of operation because significant changes in chemistry were not expected.

The PME program is one component of the monitoring of the overall system effectiveness which also includes monitoring ecological impacts and operational monitoring in the treatment plant. A program for monitoring ecological impacts due to the stresses caused by the ETR system is described in the *Final FS-12 Groundwater Plume Phase II Operational Ecological Sampling Plan* (AFCEE 1997a). These results are summarized in ecological data quarterly summary reports which are prepared separately. In-plant operational monitoring is described in the *Draft SD-5 North and FS-12 Groundwater Treatment Systems Operations and Maintenance Plan* (AFCEE 1997b).

The specific objectives of the PME program for FS-12 are to:

- Determine groundwater flow directions and gradients, and determine drawdown and mounding from the extraction well and reinjection well fences, so that the effectiveness of the horizontal and vertical hydraulic capture of the plume can be evaluated.
- Evaluate contaminant migration trends during ETR system operation by collecting data upgradient of the extraction fence. The data will be used to guide possible adjustments in the ETR system to maintain adequate vertical and horizontal capture of the contaminant plume in response to changing conditions and plume geometry.
- Determine if contamination is migrating past the toe extraction fence by collecting groundwater quality data downgradient of the toe extraction fence.
- Evaluate the impact of reinjecting treated water back into the aquifer (and in the vicinity of Snake Pond) by collecting groundwater quality data downgradient of the reinjection well fence.

1.1 PME REPORT FORMAT

PME reports have been completed approximately quarterly to summarize and evaluate all applicable data. Each report includes the following:

- A summary of ETR system operating conditions during the monitoring period which provides a basis for evaluating the PME results.
- Hydraulic monitoring to determine the vertical and horizontal movement of the groundwater and to compare aquifer responses predicted by the model to the actual conditions.
- Chemical monitoring to determine trends in contaminant movement both upgradient and downgradient of the extraction fences and also downgradient of the reinjection fences.
- Recommendations for treatment system modification.
- Proposed modifications to the PME program.

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2.0 TREATMENT PLANT AND WELL FIELD OPERATING CONDITIONS

This summary of treatment plant history during the sampling period has been included to provide the reader with a basis for comparing the findings of the PME program with the operating conditions of the ETR system. This summary is not meant to be a comprehensive discussion of plant operations.

2.1 PRE-OPERATIONAL EXTRACTION FENCE SAMPLING

The individual extraction wells were sampled in May and June, 1997 after the installation of the down-well extraction pumps. Laboratory analyses of these samples for volatile organic compounds (VOCs) and ethylene dibromide (EDB) indicated the presence of benzene-toluene-ethyl benzene-xylene (BTEX) compounds and/or EDB in many of the extraction wells (Table 2-1).

2.2 FS-12 EXTRACTION, TREATMENT, AND REINJECTION SYSTEM OPERATIONAL HISTORY

The FS-12 ETR system is designed to extract 772 gallons per minute (gpm) of water from the aquifer using 25 extraction wells. After the water is treated to remove contaminants, the water is returned to the ground through 23 reinjection wells. The design of the ETR system is discussed in greater detail in the draft design report and the FS-12 groundwater modeling technical memorandum (AFCEE 1998b). The following outlines the events during start-up of the system:

- On September 18, 1997, groundwater was extracted from the aquifer and pumped through the ETR system for the first time, seven days before the milestone date. Operation began with extraction wells EW-20, 21, 22, 23, 24, 25, and 26 which are located at the center of the southern toe fence. The treatment train included greensand filtration to remove metals, and carbon filtration to remove contaminants. The influent flow was 197 gpm. The effluent was stored in the effluent tank pending the results of laboratory analyses.
- On September 19, 1997, laboratory analysis confirmed that the effluent water met the plant discharge standards, and discharge began. Plant effluent was sent to reinjection wells RIW-16,17,18 and 20-30. The extraction wells EW 12-16 and 18-27 were in operation.

- Extraction wells EW-8, 9 and 17 were brought on line on September 21, 1997. Plant influent flow rate was 443 gpm.
- An ultraviolet/oxidation (UV/OX) system was started for the first time on September 22, 1998. Extraction wells EW-10-12 and 28-30 were also brought on line for the first time. Influent flow was 423 gpm.
- On September 25, 1997, an accumulation of potentially explosive gases in the influent tank (T-101) was detected. The plant was shut down to avoid a potentially dangerous situation.
- The system was restarted September 28, 1997; the influent flow rate was 395 gpm.
- October 3, 1997: the plant continued to operate at 432 gpm.

2.3 IN-PLANT OPERATIONAL SAMPLING

In-plant sampling of the treatment stream was conducted daily to monitor the effectiveness of the treatment system and determine operational needs (Figure 2-1). Samples were collected after each treatment process and monitored on-site for water chemistry parameters. Selected samples were submitted to an off-site laboratory for VOC, EDB and additional analyses (Table 2-2).

2.3.1 Laboratory Analyses

Samples collected from the plant influent and after each of the operating primary carbon vessels were typically submitted for VOC and EDB analyses. The influent concentrations detected from September 18 (start-up) to October 2, 1997 varied somewhat with the changes in flow from various portions of the extraction fences. In general, the influent EDB concentrations were between 36 and 68 parts per billion (ppb). Influent water also contained between 81 and 240 ppb of benzene. EDB and benzene are the primary components of the FS-12 plume.

2.3.2 Water Chemistry Parameters

The in-plant sampling included on-site measurement of pH, dissolved oxygen (DO), temperature, specific conductivity, turbidity, oxidation/reduction potential (ORP), and in most samples, ferrous and total iron. The pH, DO, temperature, specific

conductivity, turbidity and ORP were measured with a YSI model 6820 field instrument (AFCEE 1998c). Total and ferrous iron were measured using a Hach kit. The specific results for pH, DO and iron are the most relevant to the PME program and are discussed below.

The pH of the influent water during the first two weeks of the ETR system's operation was in the range of 6.3 to 8.6 with an average of 6.8. Throughout the treatment processes, the pH typically increased to between 9.1 and 10.1 during the first two weeks of operation. This rise in pH was found to be due to ion exchange occurring in the granular-activated carbon filters. According to the vendor, such a change in pH is expected with carbon adsorption during the initial period of new carbon usage, and the effect decreases as the amount of water that has passed through the adsorbers increases. The quantity of activated carbon present in the plant (120,000 pounds) caused this period of elevated pH to be longer than it was at the SD-5 North ETR system which is very similar. No additives were used to alter the pH of the effluent water, although some caustic (sodium hydroxide) was added to the influent water to raise the pH to 6.5 to assist the operation of the greensand filter. Even slightly acid waters (pH of less than 6.2) will strip the manganese oxide coating off of the greensand media and prevent the filter from removing iron and manganese.

DO in the influent ranged from 8.7 to 15.1 milligrams per liter (mg/L) with an average of 10.6 mg/L. The DO decreased slightly through the system to an average of 7.7 mg/L due to adsorption of oxygen by the activated carbon. Experience has shown that this effect decreases over time; and oxygen added by turbulence in the influent and effluent tanks has a larger impact on the water's DO levels after an initial break-in period for the carbon. No treatment or additives of any kind were used to alter the dissolved oxygen concentrations in the effluent, although hydrogen peroxide was at times added to the process stream as part of the UV/OX system.

Iron concentrations in the influent water and throughout the treatment process were measured using a Hach kit field instrument. Samples were analyzed for total iron and

ferrous iron. During the first day of plant operation the concentration of total iron was greater than the maximum concentration (1.98 mg/L) discernible by the instrument. After the first day, concentrations of both total and ferrous iron were generally negligible (<0.10 mg/L) in the influent. In the effluent, concentrations of total and ferrous iron averaged 0.02 mg/L and 0.07 mg/L respectively.

Chemicals added during the treatment processes included sodium hydroxide, potassium permanganate, and hydrogen peroxide. The greensand filtration process requires the addition of sodium hydroxide and potassium permanganate. Sodium hydroxide is used to raise the pH of the influent water to approximately 6.5. Potassium permanganate is used as an oxidant to convert ferrous iron into the less soluble ferric iron, which can then be captured in the filter media. Hydrogen peroxide was added to promote the oxidation of contaminants in the UV/OX process.

3.0 HYDRAULIC MONITORING

Baseline hydraulic monitoring was conducted on September 4, 1997 to evaluate ambient groundwater flow patterns, both horizontal and vertical, without the influence of the FS-12 ETR system. Monitoring continued weekly during the first two weeks of system operation (on September 26 and October 3, 1997) to compare observed drawdown and mounding versus the model simulation. Table 3-1 summarizes the data obtained. Data summarizing the daily rainfall totals during the monitoring period are presented in Figure 3-1.

Table 1-1 provides a summary of all the monitoring locations used by the PME program, including depth and a brief description of the purpose of each monitoring location. Water levels in 53 monitoring wells are included in the hydraulic monitoring program (Figure 1-2).

The groundwater elevation data from the electronic water level sensors in the extraction and reinjection wells are normally recorded by the FS-12 ETR process control system computer for use with the hydraulic monitoring program. However, due to a programming error, data from the first two weeks of operation were lost from memory and could not be retrieved. Once this problem was recognized, water level data from the electronic transmitters were recorded manually as a backup to the computer system.

3.1 BACKGROUND WELLS

Three wells in the northern portion of the FS-12 area, 90MW0004, 90MW0021 and 90MW0036, have been designated as background wells for the measurement of water levels so that natural variations not related to extraction or reinjection influences can be determined. Based on the computer modeling of drawdown and mounding created by the ETR system, these wells are located near the outside edge of the ETR system's radius of influence. Therefore, they are not expected to be significantly impacted by

the hydraulic stress of the ETR system. Additional background wells may be identified and added to the program in the future.

It is expected that changes in groundwater hydraulics observed in the background wells will be due only to natural causes such as rainfall infiltration and changes in barometric pressure. Because it is expected that these effects will occur consistently and equally in all of the wells in the PME system and the extraction and reinjection wells, analysis of infiltration and atmospheric pressure effects on the groundwater will not typically be necessary in the assessment of groundwater hydraulics. As additional data are collected throughout the program, trends in groundwater elevation will be observed and these assumptions will be tested to determine if more detailed analysis of natural effects is needed, and background hydraulic conditions will be better defined. Note that 0.5 inches of rain fell the day prior to collection of the baseline hydraulic data (Figure 3-1), 0.3 inches of rain fell between September 4 and September 25, and 0.6 inches fell 4 to 5 days prior to October 3.

During baseline hydraulic data collection, well 90MW0021 could not be located by the field personnel so background changes have been assessed using wells 90MW0004 and 90MW0036. Based on the change observed in well 90MW0004 from September 4 to September 26, the groundwater elevation in the FS-12 area dropped 0.25 feet. Based on the average change observed in wells 90MW0004 and 90MWW0036 from September 4 to October 3, 1997, the groundwater elevation in the FS-12 area dropped 0.33 feet. This is typical of early fall conditions in the area due to relatively low precipitation.

3.2 BASELINE MONITORING

Baseline groundwater elevation readings were taken on September 4, 1997 in accordance with the final PME plan (Table 3-1). Groundwater contours developed from the baseline data are presented in Figure 3-2. The wells used to develop these contours are primarily in the C, D and E intervals which are from 20 to -40 feet mean sea level (msl) which is the same elevation at the center of the plume. The

groundwater contours indicate that the ambient (without the influence of the ETR system) groundwater flow is to the southeast (Figure 3-2). Given the relative uniformity of the stratigraphy in the area and the lack of confining layers (above -60 feet msl), it is expected that the groundwater flow direction at other depths is also generally to the southeast.

3.3 FIRST WEEKLY MONITORING

Hydraulic monitoring was conducted during the first week of system operation to assess the impact of drawdown and mounding for comparison with model predicted conditions. However, on September 25, 1997, the day before the readings were taken, the plant was shut down and all flow from the well field stopped. Because the treatment plant was not operating at a steady state prior to data collection, and was not operating at all during data collection, the data should not be used as an indication of the hydraulic performance of the ETR system. No attempt to interpret these data has been made since they serve as neither background nor operational data.

3.4 SECOND WEEKLY MONITORING

Water levels were collected on October 3, 1997. The total flow rate from the extraction wells at that time was 432 gpm. The average change of groundwater elevation in the background wells from the baseline readings on September 4 to October 3, 1997 was a drop of 0.33 feet. By subtracting this change from all of the other changes observed, the actual drawdown and mounding on October 3, independent of natural changes, can be estimated.

The greatest drawdowns, adjusted for natural changes, occurred at 90MW0082A (0.57 feet), 90MW0082B (0.38 feet) and 90MW0053 (0.53 feet). All of these wells are in the vicinity of extraction well 90EW0025 (Figure 1-2). Drawdown is expected in that area according to the computer modeled simulation, but the magnitude of these observed drawdowns is slightly higher than predicted. For example, the model predicted a drawdown of approximately 0.36 feet at the location of well 90MW0082A

for a flow rate of 35 gpm (AFCEE 1998b). The actual flow rate at the time of the field measurement was 40 gpm. Assuming a linear relationship between flow and drawdown, the expected drawdown under the conditions measured would be 0.41 feet. The difference between the observed and the predicted drawdown was therefore approximately 0.12 feet, which is a 29 percent difference. Given the non-steady state conditions under which the measurements were taken and all of the variables involved, this is a reasonably good correlation suggesting that re-calibration of the model is not warranted at this time.

The greatest mounding, adjusted for natural changes, occurred at 90MW0028 (0.43 feet), 90MP0060A through F (0.27 feet) and 90MW0047 (0.25 feet). Wells 90MP0060A through F and 90MW0047 are within the model predicted area of mounding at 0.25 feet (AFCEE 1998b). The mounding in well 90MW0028 appears to be anomalous since it is within the predicted drawdown zone.

Because the entire system was not operating at its design flow rate during data collection, comparisons to the model simulated drawdowns and mounding may not be valid. Assessment of plume capture and areas of influence are not meaningful using these data. Future PME reports with data obtained during steady operation at the design flow rates of the ETR system will include more in depth interpretation of hydraulic data.

3.5 HORIZONTAL GRADIENTS

The horizontal gradient is the change in piezometric head of the groundwater per unit of horizontal distance between two wells; the units are feet per foot (ft/ft). Horizontal gradients in the direction of groundwater flow have been calculated using the baseline data so that they may be compared to future data collected under full steady-state operation. As discussed above, data collected during the first two weeks of ETR system operation are not representative of steady-state conditions and therefore have not been used to calculate horizontal gradients.

A series of wells through the center of the plume in the direction of groundwater flow have been used to calculate baseline horizontal gradients. These wells are all in the D and C intervals (20 feet msl to -20 feet msl). Upgradient of the system, the horizontal gradient is measured between wells 90MW0019 and 90MW0003. Through the center of the plume and the central extraction wells, the horizontal gradient is measured between wells 90MW0003 and 90MW0025. The horizontal gradient in the region between the central wells and the toe extraction fence is measured between wells 90MW0025 and 90MW0082A. The interval between wells 90MW0025 and 90MW0082A is somewhat across the direction of groundwater flow but this interval will be useful in the future to compare gradients between the extraction and reinjection fences. Between the toe extraction and reinjection fence, the horizontal gradient is measured between 90MW0082A and 90MW0066. Downgradient of the reinjection wells, the gradient is measured between wells 90MW0066 and 90JB001C. The overall gradient from the upgradient end of the FS-12 area to the most downgradient is measured between wells 90MW0019 and 90MW00JB1C. The horizontal gradients calculated from the baseline data are summarized in the following table.

BASELINE HORIZONTAL GRADIENTS

Wells	Head Difference (feet)	Distance (feet)	Gradient (feet)
90MW0019 TO 90MW0003	0.9	1225	0.0007
90MW0003 TO 90MW0025	0.84	1575	0.0005
90MW0025 TO 90MW0082A	0.11	750	0.0001
90MW0082A TO 90MW0066A	0.23	300	0.0008
90MW0066A TO 90JB0001C	0.49	450	0.0011
90MW0019 to 90JB001C	2.57	4200	0.0006

The interval between wells 90MW0025 and 90MW0082A is somewhat across the direction of groundwater flow which explains why it appears to be of smaller magnitude than the other intervals. During operational monitoring, significant changes, including negative gradients indicative of reversed flow directions, are anticipated. However, due to the passive nature of the system, the overall gradient

between the upgradient and downgradient ends of the FS-12 area is not expected to change significantly.

3.6 VERTICAL GRADIENTS

The following well clusters have been proposed for the assessment of vertical gradients which indicate vertical movement of the groundwater (AFCEE 1998a):

- 90MP0059A through F
- 90MP0060A through F
- 90MW0010, 11, and 15
- 90MW0027 and 48
- 90MW0053, 55, 82A and B
- 90MW0066, 66A and 83.

The PME plan (AFCEE 1997c) called for determining vertical gradients in multi-port wells 90MP0059 and 90MP0060. However, the observations made during the monitoring period indicate that these well clusters are not appropriate for use in determining vertical gradients. The six flexible tubes in each cluster are not stable enough for precise measurement of static piezometric head. Also, due to the narrow diameter of the tubes, the depth-to-water data collected from these wells must be measured with an instrument different from that used at the other wells in the hydraulic monitoring program. This instrument is graduated in one-foot intervals, which is not precise enough to determine vertical gradients of small magnitude.

The difference in piezometric head in two adjacent wells was calculated from the difference in groundwater elevations observed in those wells (Table 3-1). Vertical gradients were then calculated by dividing the difference in piezometric head by the vertical difference in elevation between the middle of the well screens. These well clusters are in close proximity so that horizontal gradients between well settings are negligible. Increasing piezometric head with depth indicates a potential for upward

movement of groundwater and is therefore considered to be a positive gradient. Well construction information is included in Table 1-1.

Vertical gradients have been calculated from the baseline data only. Vertical gradients determined from the two weekly monitoring events are not meaningful since the system was not operating at design flow rates. Future PME reports, which will incorporate data obtained during the full operation of the ETR system, will include more in depth interpretations of vertical gradients and their relation to capture and the movement of the plume.

The data used to determine the vertical gradients at well cluster 90MW0010, 11 and 15 during the baseline monitoring are summarized in the table below:

BASELINE VERTICAL GRADIENT

Interval	Head Difference (feet)	Depth Difference (feet)	Gradient (feet)
90MW0015 TO 90MW0011	0.11	50	0.0022
90MW0011 TO 90MW0010	-0.09	30	-0.0030

These baseline readings indicate a potential for upward flow in the lower interval of the cluster and a potential for downward flow in the upper interval. This change in gradient direction is suspicious as this kind of change is unlikely in an unstressed homogenous aquifer. It is likely that either the readings collected contain an error or the wellhead elevations have changed since they were surveyed. If future monitoring suggests similar anomalous gradients, the wells will be re-surveyed.

The data used to determine the vertical gradients at well cluster 90MW0027 and 48 during the baseline monitoring are summarized in the table below:

BASELINE VERTICAL GRADIENT

Interval	Head Difference (feet)	Depth Difference (feet)	Gradient (feet)
90MW0027 TO 90MW0048	0.38	39	0.0097

These baseline readings indicate a potential for upward flow.

The data used to determine the vertical gradients at well cluster 90MW0053, 55 and 82A and B during the baseline monitoring are summarized in the table below:

BASELINE VERTICAL GRADIENT

Interval	Head Difference (feet)	Depth Difference (feet)	Gradient (feet)
90MW0055 TO 90MW0053		31	
90MW0053 TO 90MW0082A	0.08	43	0.0019
90MW0082A TO 90MW0082B	-0.02	35	-0.0006

* Well 90MW0055 was not located during the baseline monitoring.

This baseline data indicates a potential for upward flow in the second interval and a slight potential for downward flow in the third interval.

The data used to determine the vertical gradients at well cluster 90MW0083, 66 and 66A during the baseline monitoring are summarized in the table below:

BASELINE VERTICAL GRADIENT

Interval	Head Difference (feet)	Depth Difference (feet)	Gradient (feet)
90MW0066 TO 90MW0066A	-0.13	50	-0.0026
90MW0066A TO 90MW0083	-0.01	32	-0.0003

These baseline readings indicate a potential for downward flow in both intervals.

3.7 FIELD MODIFICATIONS

The data summarized in this report were collected in accordance with the draft PME plan (AFCEE 1997c). This plan has since been issued as a final document (AFCEE 1998a). Field modifications made to the hydraulic monitoring program described in the draft PME report include the following:

- Wells 90MW0018 and 35 were destroyed during restoration activities at Camp Good News. These wells were later replaced with other existing wells, but not until after the monitoring summarized in this draft PME report was complete.
- Wells 90JB0004A, 90MW0055, 68, 70 and 77 were not located during baseline data collection.
- Data collected during the baseline monitoring from wells 90MW0021, 26, and 49 indicate groundwater elevations several feet from the expected range; therefore the data appear to be erroneous. This data has been deleted from consideration.
- Wells 90MW0021, 36 and 80 were not found during the first weekly data collection.
- Data collected during the second weekly monitoring from well 90MW0019 indicate groundwater elevations several feet from the expected range; therefore the data appear to be erroneous. This data has been deleted from consideration.

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4.0 CHEMICAL MONITORING

The chemical monitoring program is designed to evaluate contaminant and water chemistry data, contaminant distribution, and trends using the monitoring wells specified in Table 1-1. In accordance with technical procedure Tech-015 of the *Quality Program Plan* (AFCEE 1998c), groundwater samples were collected using the low-flow methodology. Field parameters were measured during the sampling process, and laboratory analyses for various parameters were conducted. This section discusses baseline sampling which occurred in September 1997 prior to the start-up of the FS-12 ETR system.

4.1 FIELD PARAMETERS

During sampling, field parameters, including DO, pH, temperature, specific conductivity, turbidity, and ORP, were measured. Wells used for plume definition and reinjection monitoring were also monitored for total and ferrous iron. Table 4-1 summarizes the field parameter measurements recorded at each well.

The pH, DO and iron concentrations are the field parameters most relevant to the PME program. The pH ranged from 4.78 (90MW0081) to 6.91 (90MW0066). DO ranged from 0.07 mg/L(90MW0005) to 12.76 mg/L (90MW0050). Total iron and ferrous iron (Fe2+) concentrations were highest in well 90MW0003, at 1.93 and 1.78 mg/L respectively. Well 90MW0079A had the lowest total and ferric iron concentrations (0.00 and 0.00 mg/L respectively), although other locations were very similar.

Anaerobic conditions, along with low ORP (-11.7 millivolts) and elevated iron levels (1.93 mg/L), were present in 90MW0003 and 90MW0005 (Table 4-1). Both of these wells lie in the core of the plume (Figure 1-2). Low DO, low ORP, and high iron levels are likely related to biological consumption of oxygen and other electron acceptors associated with the degradation of BTEX contaminants present within the

plume. Wells 90MW0055 and 90MW0066, both located very deep in the aquifer, exhibited similar field parameters.

4.2 CONTAMINANT MONITORING

The results of the laboratory analyses for BTEX and EDB are included in Table 4-2. The complete set of validated data, including metals and suspended solids analyses, are attached as Appendix C. Figures 4-1, 4-2, 4-3, 4-4, 4-5 and 4-6 show the EDB concentrations detected at each location in plan view and cross-sections. Because only baseline chemical data are included in this report, no attempt to interpret the data in terms of breakthrough or reinjection impact has been made. The next report, which will be completed after the data from the four-month monitoring period is available, will include these interpretations.

EDB was detected at 90JB0001D, which is outside the plume outline, at a concentration of 0.014 micrograms per liter (μg/L). A review of the recent history of the sampling equipment used in well 90JB0001D indicated that cross-contamination from a previous sample was likely. This detection is therefore not expected to be representative of the true conditions at that location. Analytical results from the upcoming four monthly sampling events will provide a better indication of the actual conditions.

The detections of EDB at 90MW0042 (0.025 μg/L) and 90MP0060D (0.081 μg/L), which are outside the plume outline, appear to be the result of normal variations in contaminant movement at the edges of the plume. The plume outline is drawn to encompass all areas believed to be contaminated above the MCLs (maximum contaminant levels), but from time to time, it is expected that detections outside the plume outline may occur. Analytical results from the upcoming four monthly sampling events will provide a better indication of the actual conditions.

In general, the baseline data indicate that the FS-12 plume is in the same location, both horizontally and vertically, as was determined by the preconstruction

investigation (Appendix A). Concentrations of the contaminants of concern above the MCLs were detected where expected and at the depths anticipated. Therefore, the plume outline and cross-sections have not been redrawn. The data collected in the upcoming monthly sampling rounds will be used to develop a new plume outline if necessary.

The highest concentration of EDB detected was 110 µg/L at well 90MW0005. The highest concentration of benzene detected was 910 µg/L at well 90MW0003. Both of these wells lie in the center of the plume. Well 90JB0001B contained several contaminants, including trichloroethene (TCE) (18 µg/L), tetrachloroethene (PCE) (14 µg/L), methyl-tert-butyl-ether (MTBE) (1.4 µg/L) and 1,1,2,2-tetrachloroethane (1,1,2,2-TCA) (48 µg/L). This well is screened within the J. Braden Thompson plume which is a separate waste site not related to FS-12. The FS-12 plume is not expected to be the source of these contaminants.

4.3 REINJECTION IMPACT MONITORING

Since only pre-operational baseline data have been collected to date, reinjection impacts have not been determined. The reinjection impacts will be monitored at wells 90MW0066A,B and 90MW0083 (located approximately 100 feet downgradient of reinjection wells RIW-20, 21 and 22), and wells 90MW0085A and B (located downgradient of reinjection well RIW-14) as shown in Figure 3-1. Wells 90MW0086A and B, which were proposed in the draft PME plan, were not installed due to access limitations to private property. Well 90JB0006B, located between reinjection wells RIW-16 and 17, will be added to the program to replace wells 90MW0086A and B.

4.4 FIELD MODIFICATIONS

The chemical monitoring was conducted in accordance with the draft PME plan with the following exceptions:

- Proposed reinjection monitoring wells 90MW0086A and B were not installed and therefore were omitted from the program.
- Wells 90MW0018 and 30 were destroyed during construction and restoration activities at Camp Good News and therefore were omitted from the program.

Other existing wells were substituted for these wells starting with the November sampling event (see Section 6.0).

5.0 RECOMMENDATIONS FOR ETR SYSTEM MODIFICATIONS

No changes are recommended at this time based on the findings of the baseline and early operational monitoring performed to date. Analysis of future hydraulic and contaminant monitoring data and recommendations for system operation will be included in upcoming PME reports.

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6.0 PERFORMANCE MONITORING EVALUATION PROGRAM MODIFICATIONS

Several changes to the PME program are recommended:

- Replace wells missing from the hydraulic program (90MW0018 and 35) with wells 90MW0020 and 90MW0054. Use well 90MW0054 as a background well because it is outside the predicted influence of the FS-12 ETR system.
- Replace wells missing from the contaminant monitoring program (90MW0018 and 30) with wells 90MP0060D and 90MW0020.
- Replace wells 90MW0086A and B, which the draft PME plan proposed for construction, with well 90JB0006B.
- Delete the multiport wells (90MP0059 and 90MP0060) from the assessment of vertical gradients. These well settings are constructed with flexible tubing that is not stable enough for accurate measurements of groundwater elevation. Also, the narrow diameter of the tubes requires the use of an instrument that is not precise enough for assessment of vertical gradients. The well cluster of 90MW0010, 90MW0011 and 90MW0015, which is located in the same area, is currently monitored for vertical gradients.

There were no significant unexpected results that indicate inadequacies in the program. A more complete evaluation of the program will be initiated after the completion of the four-month monitoring period. Some changes may be recommended at that time to make the program more efficient and complete.

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7.0 NEXT PERFORMANCE MONITORING EVALUATION REPORT

The next PME report will be prepared in approximately September 1998, after data from the four first quarter sampling events have been received, validated and interpreted. This next report is expected to include:

- A compilation of all groundwater level and chemical data for the four-month monitoring period.
- A revised plume depiction in plan view and cross-sections based on the most recent data.
- A data summary report describing the validation of analytical data.
- Summary graphs and tables of groundwater levels and chemical concentrations over time at selected wells.
- Statistical analyses, where applicable.
- Conclusions and recommendations regarding overall system performance.
- Summary of any proposed changes in the PME program.

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8.0 LIMITATIONS AND UNCERTAINTIES

Because of the randomness of natural groundwater aquifers, the design and operation of a groundwater extraction system is generally uncertain, especially in the initial stages of system operation when available data are limited. As a result, typical groundwater extraction systems are designed to operate at groundwater extraction rates that exceed both minimum pumping rates required for plume capture and at drawdown levels far greater than seasonal variations in groundwater elevation. This approach builds a safety factor into the design and often makes it possible to easily measure the influence of the groundwater extraction system during performance monitoring. However, the FS-12 ETR system has been intentionally designed with closely spaced extraction and reinjection wells pumping near the minimal acceptable level for plume capture to limit hydraulic and ecological impacts. This approach, while feasible, substantially increases the complexity of performance monitoring.

It is possible that the program outlined in the PME plan may not be sufficient for long-term operation of the system. Therefore, hydraulic and water quality information will be utilized to determine if revision of the PME plan is necessary for long-term operation and monitoring.

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9.0 REFERENCES

AFCEE (Air Force Center for Environmental Excellence). 1997a. *Final FS-12 Groundwater Plume Phase II Operational Ecological Sampling Plan.* Prepared by Jacobs Engineering Group Inc. for AFCEE/MMR Installation Restoration Program, Otis Air National Guard, MA.

———. 1997b. *Draft SD-5 North and FS-12 Groundwater Treatment Systems, Operations and Maintenance Plan.* Prepared by Jacobs Engineering Group Inc. for AFCEE/MMR Installation Restoration Program, Otis ANG, MA.

———. 1997c. *Final Performance Monitoring Evaluation (PME) Plan, Phase 1 Fuel Spill-12 (FS-12).* Prepared by Jacobs Engineering Group Inc. for AFCEE/MMR Installation Restoration Program, Otis ANG, MA.

———. 1998a. *Final Performance Monitoring Evaluation Plan for Fuel Spill-12.* Prepared by Jacobs Engineering Group Inc. for AFCEE/MMR Installation Restoration Program, Otis ANG, MA.

———. 1998b. *Final Technical Memorandum, Groundwater Modeling at FS-12.* Prepared by Jacobs Engineering Group Inc. for AFCEE/MMR Installation Restoration Program, Otis ANG, MA.

———. 1998c. *Quality Program Plan.* Prepared by Jacobs Engineering Group Inc. for AFCEE/MMR Installation Restoration Program, Otis ANG, MA.

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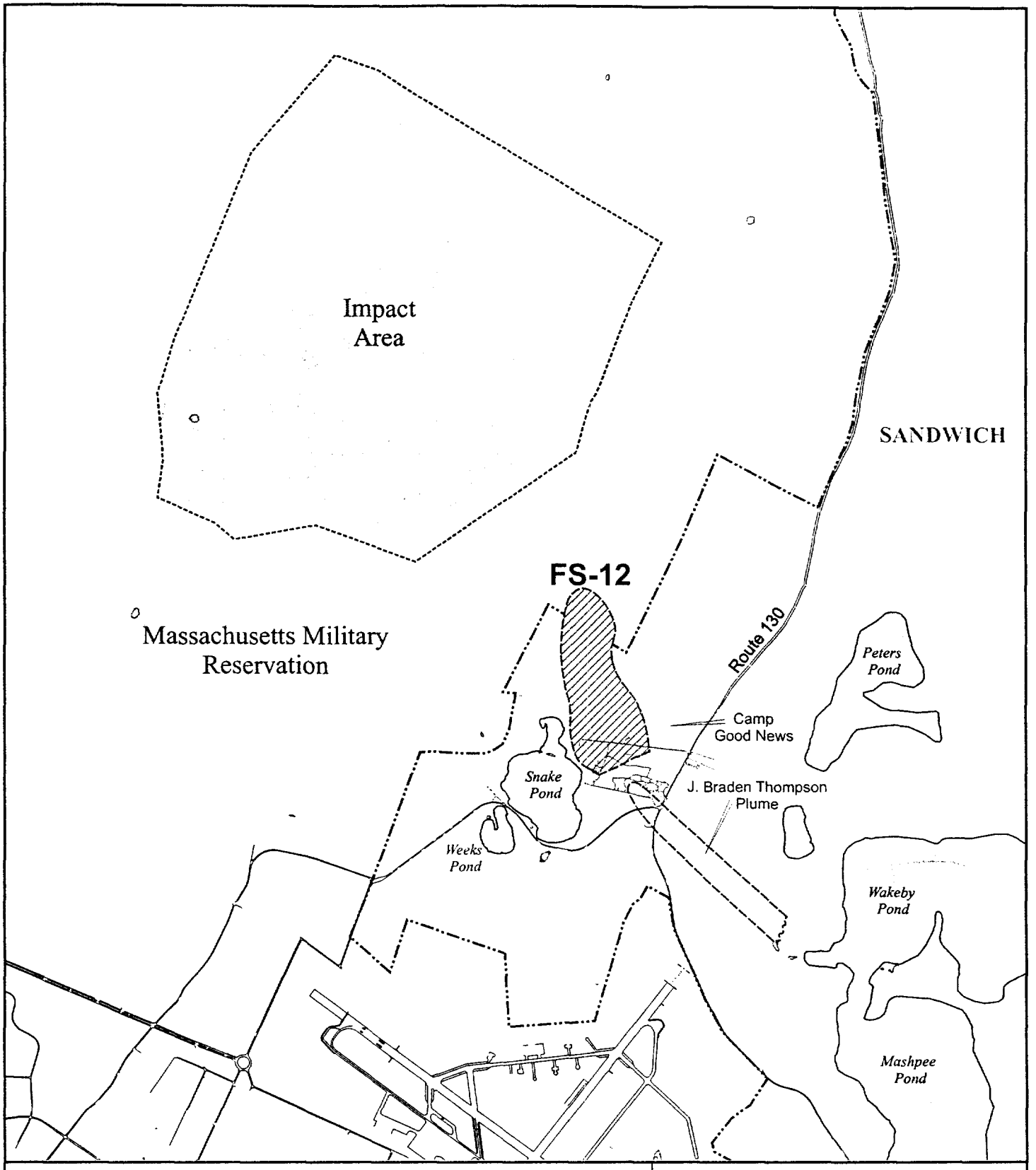
FIGURES



JACOBS ENGINEERING

FS-12 Plume Location

Massachusetts Military Reservation
Cape Cod, Massachusetts

5/14/99 sr File:..PlumfigB.cdr

Figure 1-1

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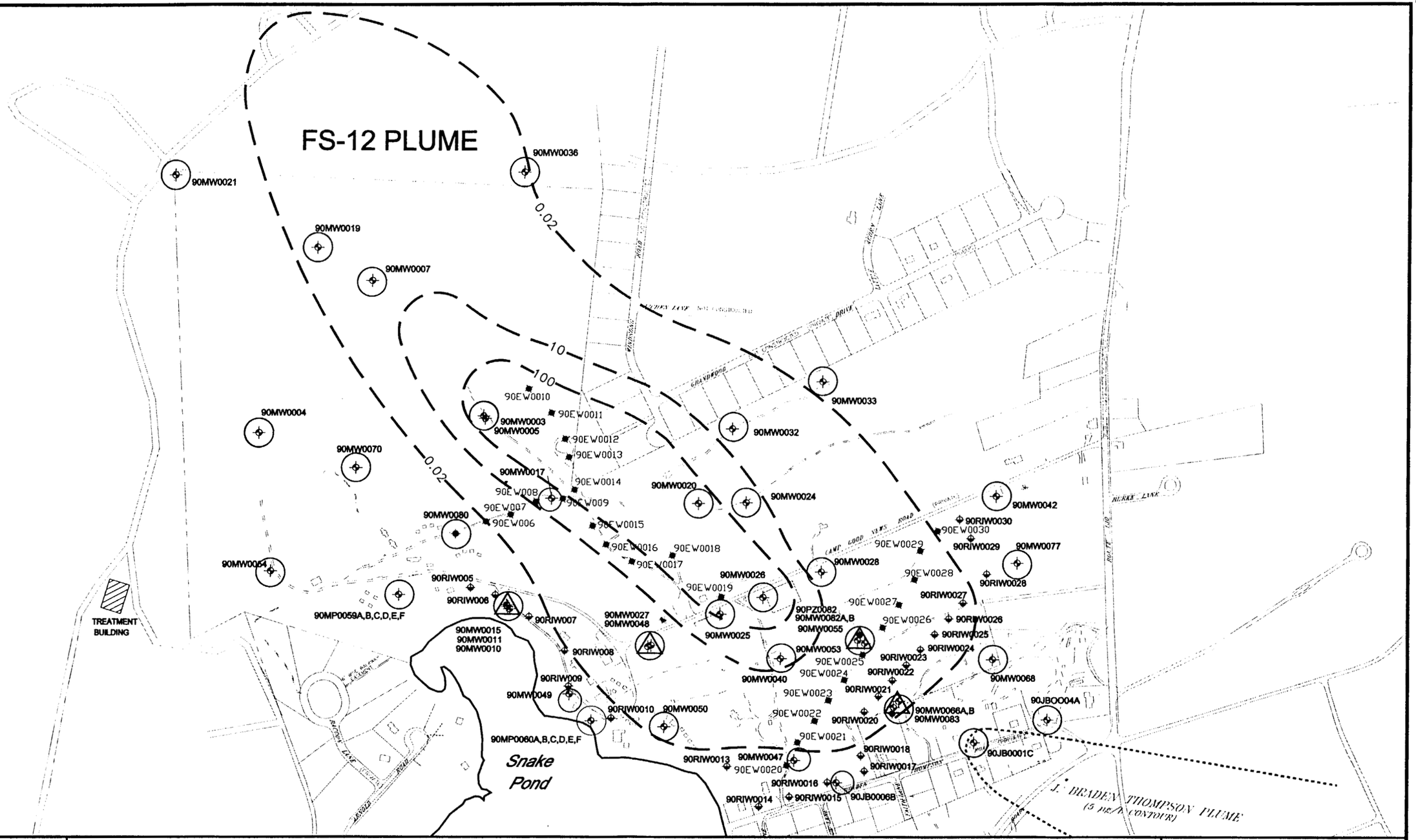


GENERAL NOTES

1. THE HORIZONTAL AND VERTICAL CONTROL WAS PROVIDED BY OPTECH. THE HORIZONTAL CONTROL IS BASED ON THE COMMONWEALTH OF MASSACHUSETTS COORDINATE SYSTEM (NAD 27) AND THE VERTICAL CONTROL IS BASED ON THE MEAN SEA LEVEL DATUM OF 1929.
2. THE HORIZONTAL AND VERTICAL LOCATION OF ALL MONITORING WELLS IS TO THE TOP AND CENTER OF THE WELL COVER.
3. THE PROPERTY LINES SHOWN ON THIS PLAN ARE THE RESULT OF A FIELD SURVEY AND THE COMPILATION OF RECORD PLANS AND DEEDS.

Legend

- 90EW0010 — EXTRACTION WELL
- 90RIW0030 — REINJECTION WELL
- 90MW0030 — EXISTING MONITORING WELL
- WELLS SELECTED FOR HORIZONTAL WATER LEVEL MONITORING
- WELLS SELECTED FOR VERTICAL WATER LEVEL MONITORING
- 10 — FS-12 EDB PLUME (CONCENTRATIONS IN µg/L)
- J. BRADEN THOMPSON PLUME (5 µg/L CONTOUR)

Note:
Plume delineation is based on the preconstruction investigation by Jacobs in 1996-7, and updated with data from the February 1998 PME sampling.

0 500
Scale in Feet

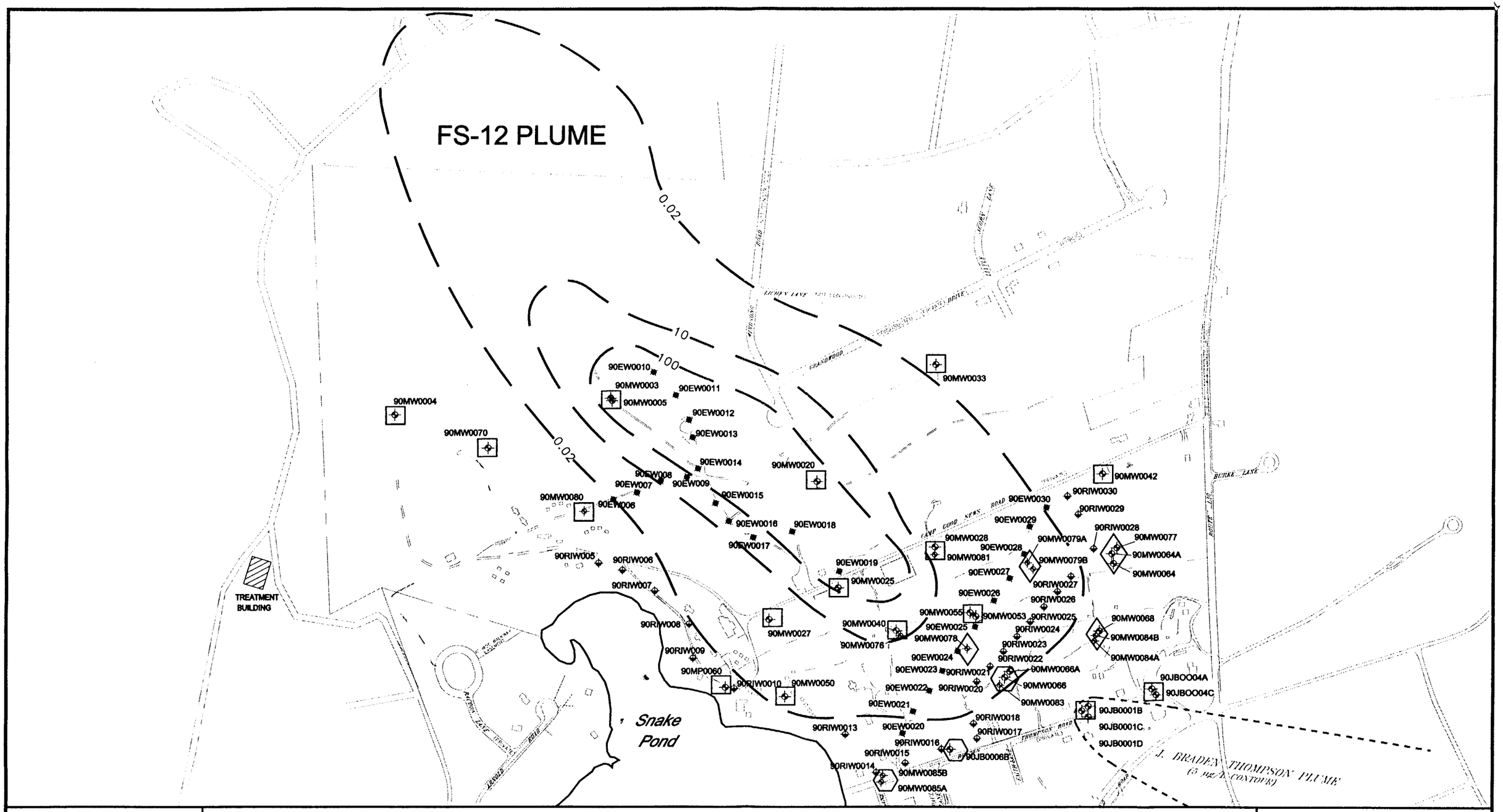
JACOBS ENGINEERING

PME
Hydraulic Monitoring Locations at FS-12

Massachusetts Military Reservation
Cape Cod, Massachusetts

5/14/99 sr File:...F12hydro.dwg

Figure 1-2



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Legend

- 90EW0010 — EXTRACTION WELL
- 90RIW0030 — REINJECTION WELL
- 90MW0030 — MONITORING WELL
- WELLS SELECTED FOR PLUME EXTENT MONITORING
- WELLS SELECTED FOR BREAKTHROUGH MONITORING
- WELLS SELECTED FOR REINJECTION IMPACT MONITORING
- 10 — FS12 EDB PLUME (CONCENTRATIONS IN µg/L)
- J. BRADEN THOMPSON PLUME (5 µg/L TOTAL VOC CONTOUR)

Note:
Plume delineation based on Jacobs preconstruction investigation and OPTECH's data-gap investigation (Appendix A), both conducted in 1996.

0 500
Scale in Feet

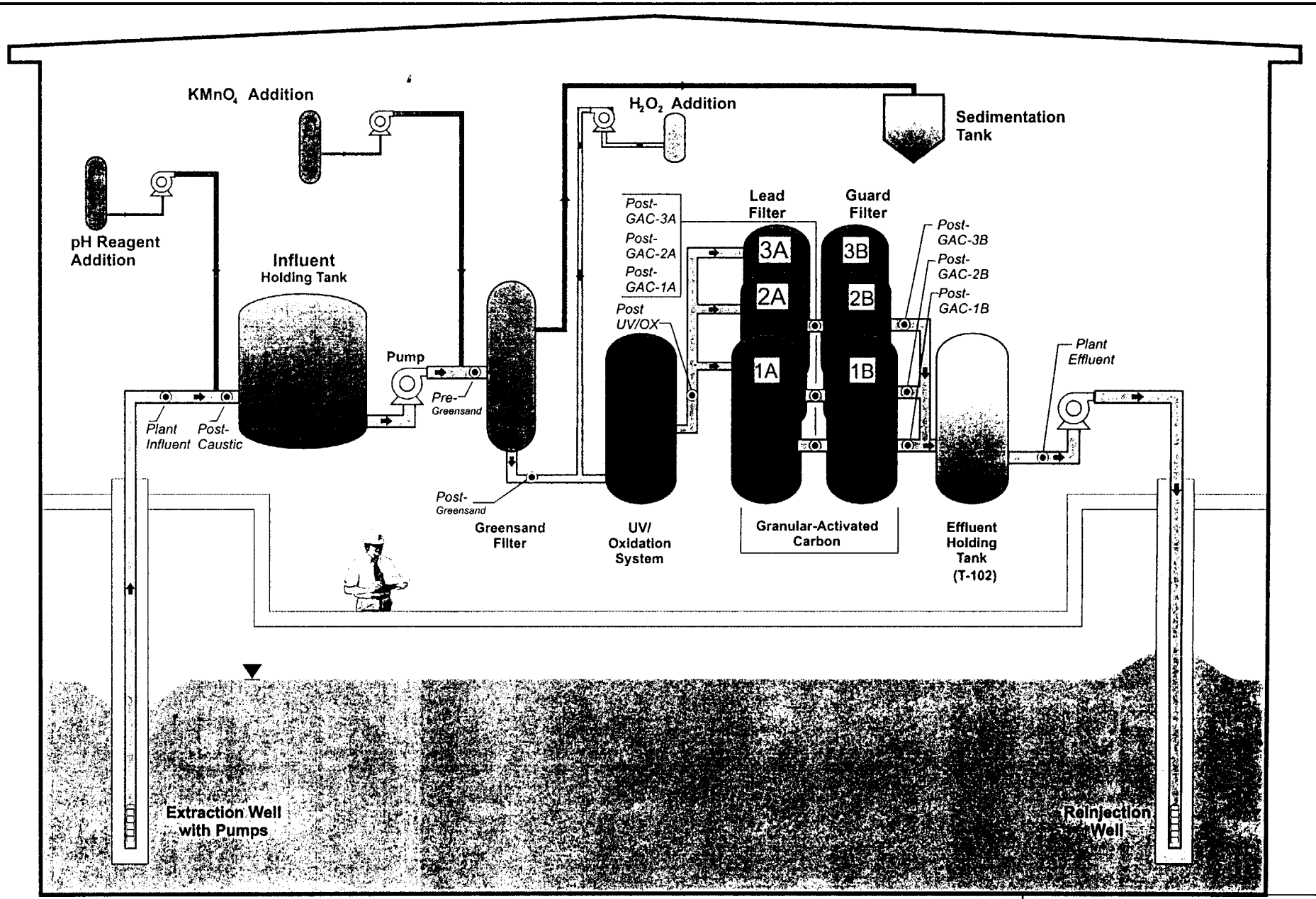
JACOBS ENGINEERING

PME
Chemical Monitoring Locations at FS-12

Massachusetts Military Reservation
Cape Cod, Massachusetts

5/14/99 sr File:...F12cont.dwg

Figure 1-3



Legend

- Sample Port
- $KMnO_4$ Potassium Permanganate
- H_2O_2 Hydrogen Peroxide

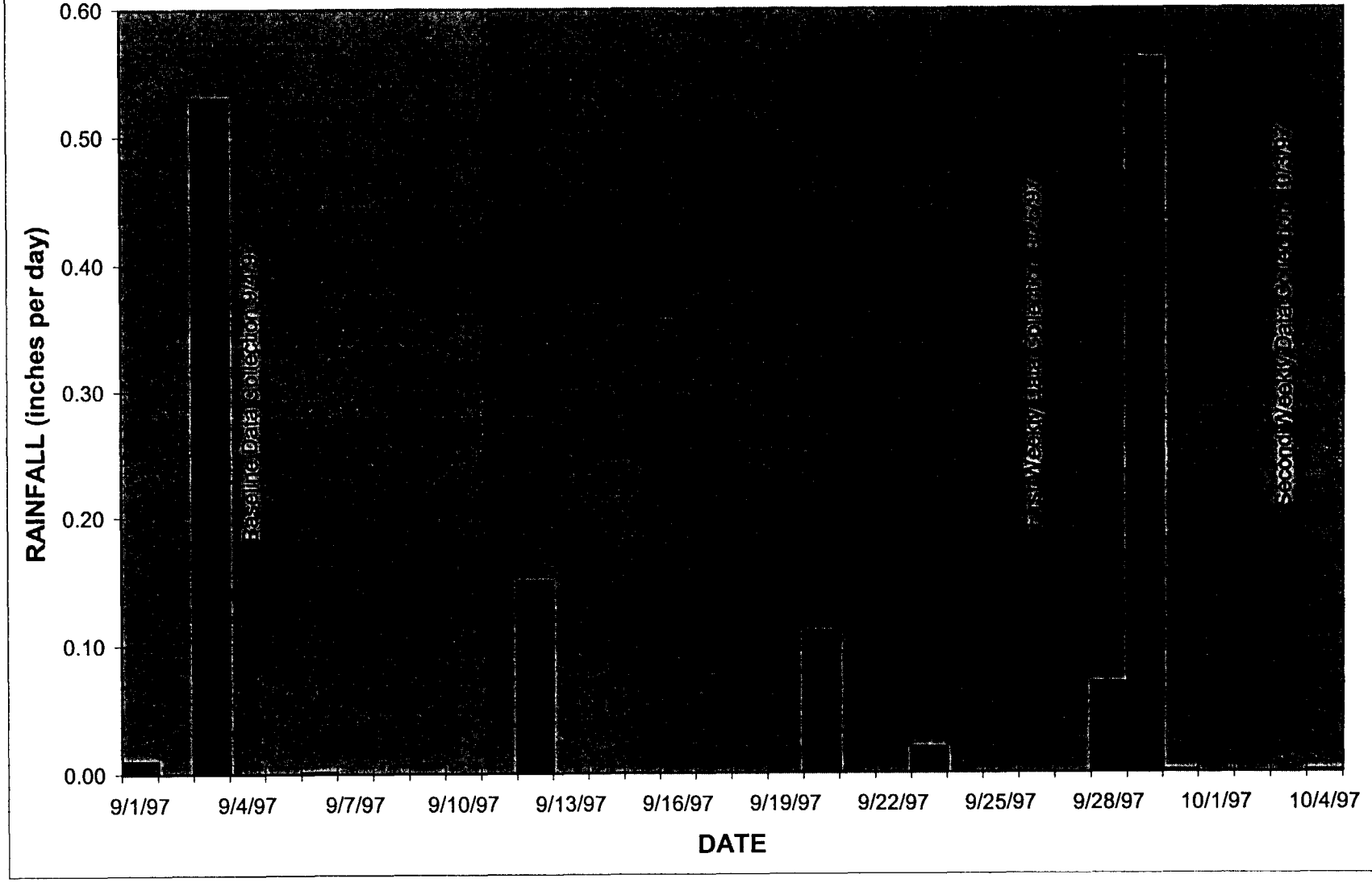
JACOBS ENGINEERING

Process Flow Diagram with Sample Locations at the FS-12 ETR System

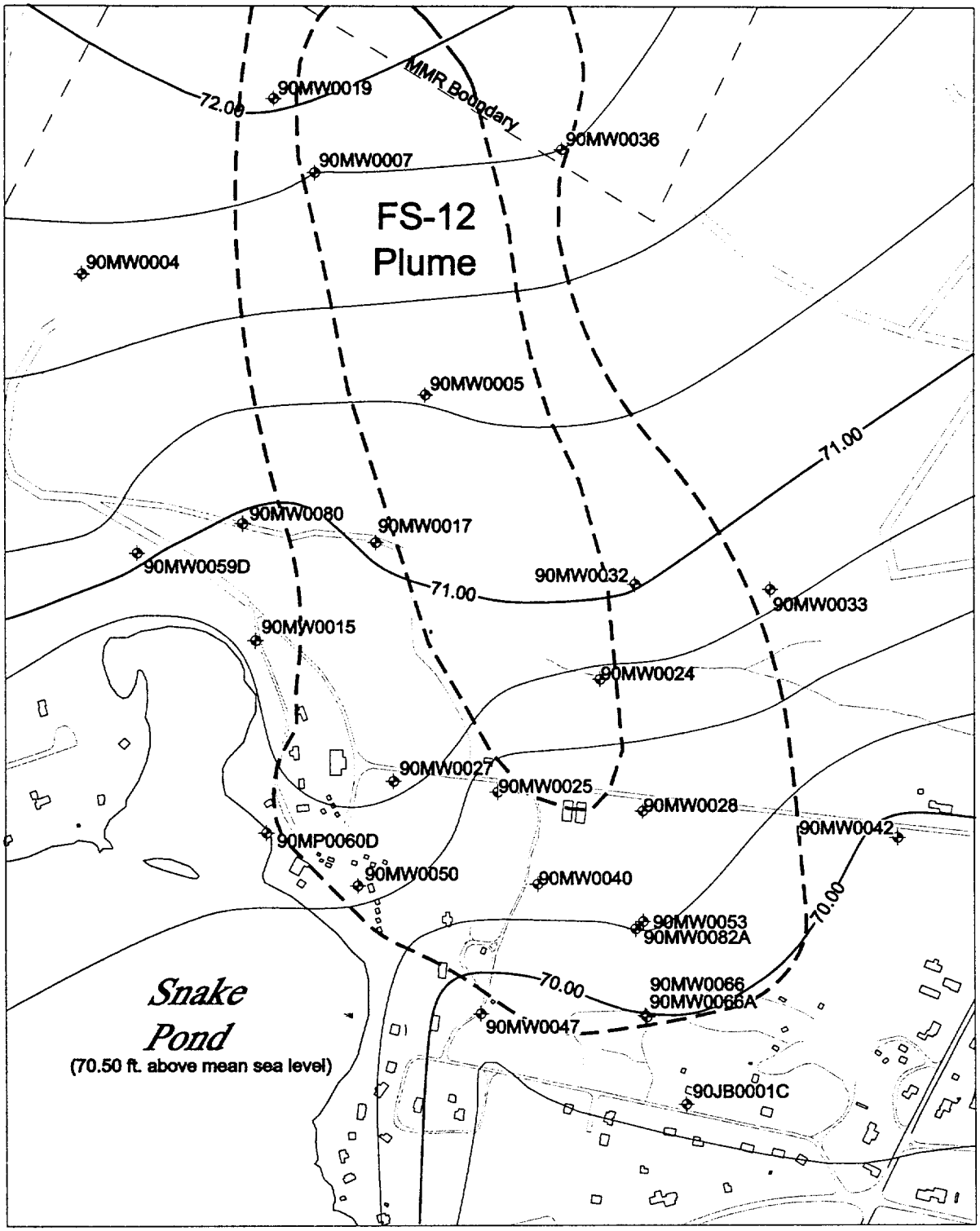
5/14/99 sr File:..Fs12flo5.cdr

Figure 2-1

FIGURE 3-1
RAINFALL DATA - BASELINE THROUGH START-UP



I:\35K784\04\Pme\1st Report\Sheet1 Chart 3



Legend

Plume Boundary

71.00 Groundwater Piezometric Iso-Contour (Elevation Relative to Mean Sea Level)

N

0 600

Scale in Feet

JACOBS ENGINEERING

FS-12 PME
Baseline Groundwater Contours
September 4, 1997

Massachusetts Military Reservation
Cape Cod, Massachusetts

5/14/99 sr File...Fs12watco.dwg

Figure 3-2

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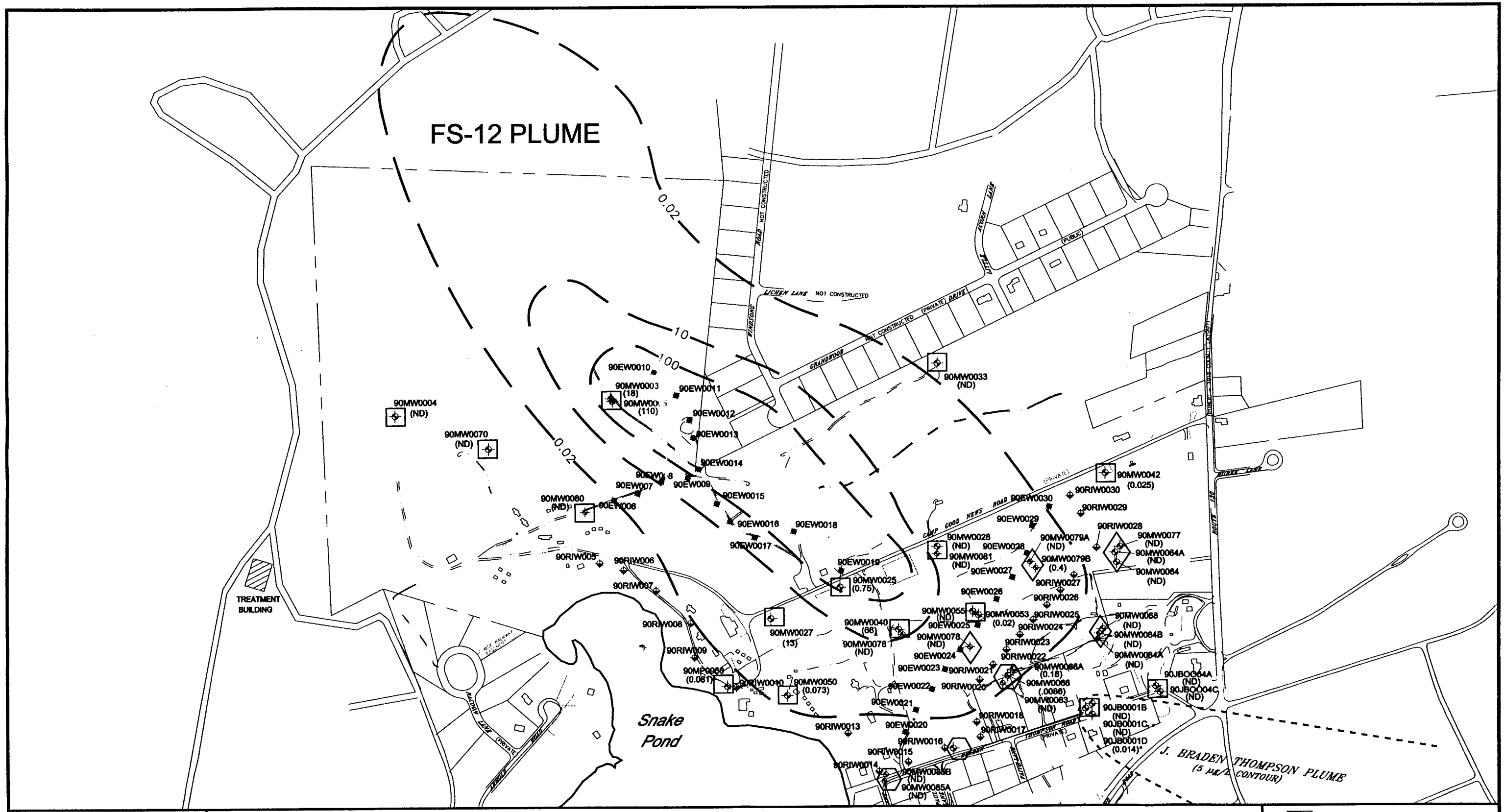

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- WELLS SELECTED FOR REINJECTION IMPACT MONITORING
- 10 — FS12 EDB PLUME (CONCENTRATIONS IN µg/L)
- J. BRADEN THOMPSON PLUME (5 µg/L TOTAL VOC CONTOUR)

* CROSS CONTAMINATION OF SAMPLE FROM 90JB0001D IS SUSPECTED.

Note:
Plume delineation based on Jacobs preconstruction investigation and OPTECH's data-gap investigation (Appendix A). Both conducted in 1998.

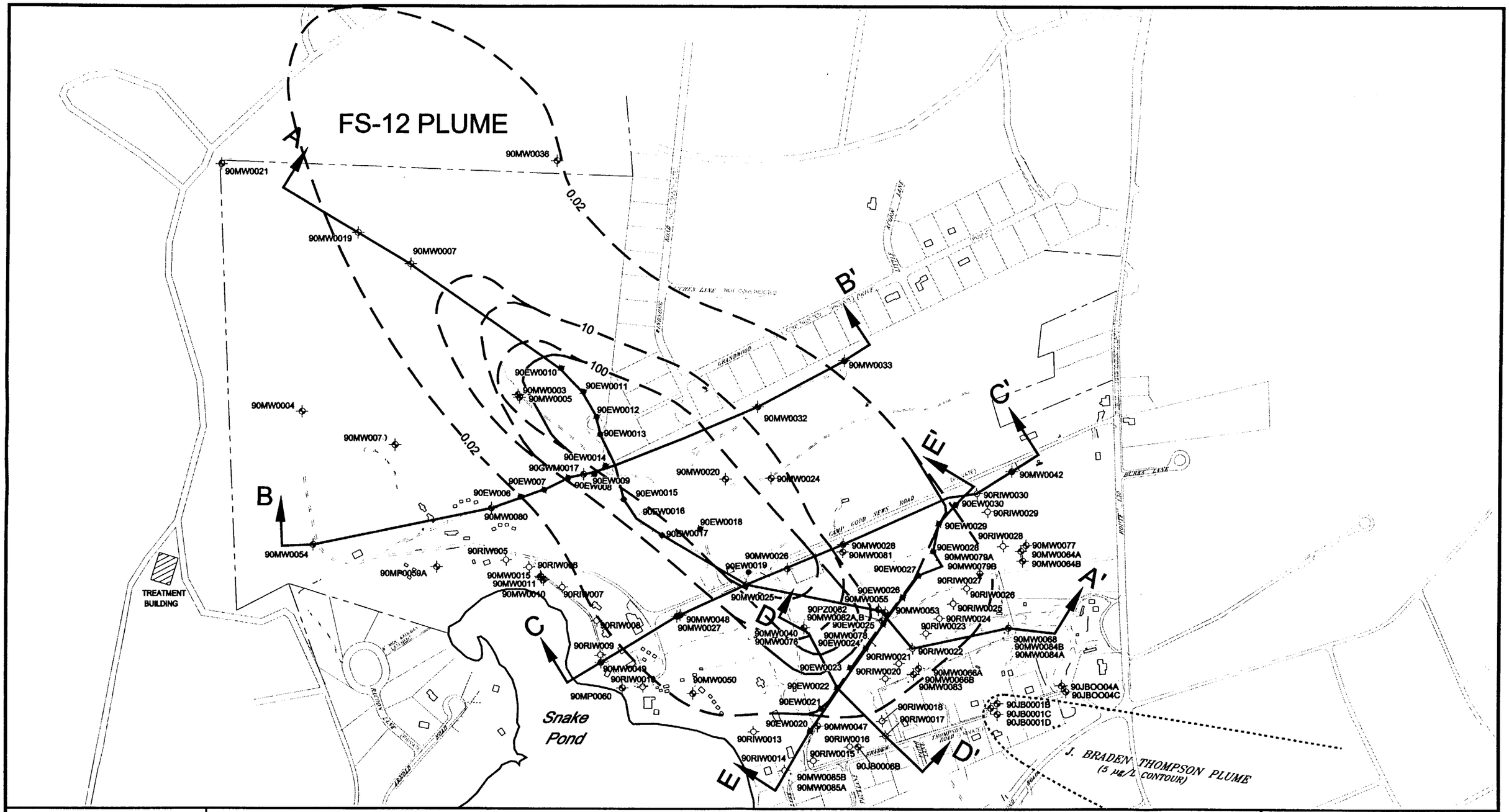
0 500
Scale In Feet

JACOBS ENGINEERING

EDB Baseline Results Plan View at FS-12

Massachusetts Military Reservation
Cape Cod, Massachusetts

5/14/99 sR File:..F12Bcont.dwg | Figure 4-1



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Legend

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- 90EW0010 — EXTRACTION WELL
- 90RIW0030 — REINJECTION WELL
- 10 — FS-12 EDB PLUME (CONCENTRATIONS IN µg/L)
- J. BRADEN THOMPSON PLUME (5 µg/L TOTAL VOC CONTOUR)

Note:

Plume delineation is based on the preconstruction investigation by Jacobs in 1996-7, and updated with data from the February 1998 PME sampling.

0 500
Scale in Feet

JACOBS ENGINEERING

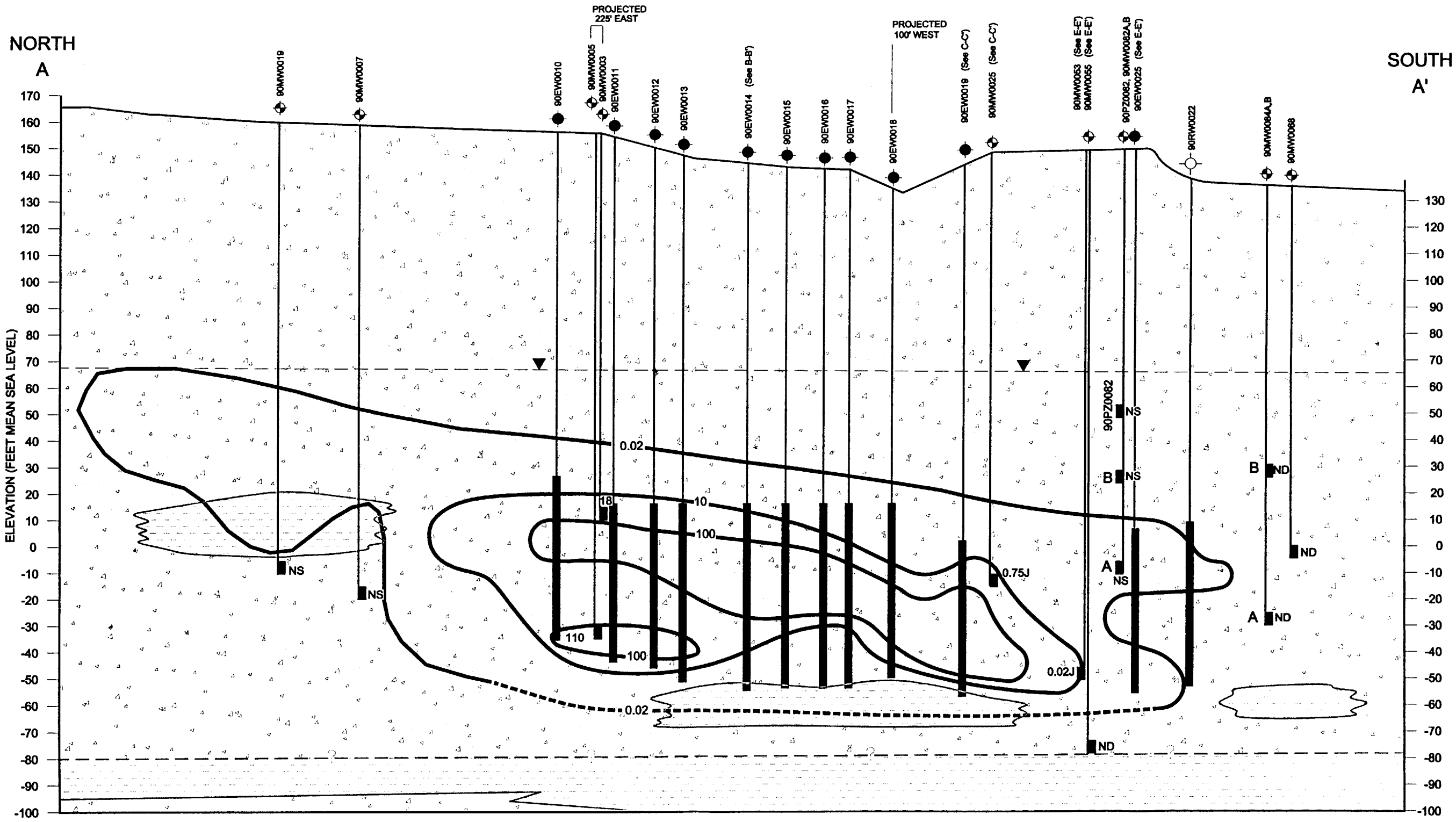
PME
Lines of Cross-Section at FS-12

Massachusetts Military Reservation
Cape Cod, Massachusetts

5/14/99 sr File:...97fig1-4.dwg

Figure 4-2

CROSS-SECTION A-A'



Legend

- 90EW0010 — Extraction Well
- 90RIW0030 — Reinjection Well
- 90MW0030 — Monitoring Well
- ND — Not Detected
- NS — Not Sampled
- Well Screen
- 0.02 — EDB Isoconcentration Contour
- Water Table
- Sand
- Silty Sand

0 250 500 1000
Horizontal Scale in Feet

NOTE:
All concentrations in µg/L
Plume delineation and stratigaphy based on Jacobs preconstruction investigation and OPTECH's data-gap investigation (Appendix A), both conducted in 1996.

JACOBS ENGINEERING

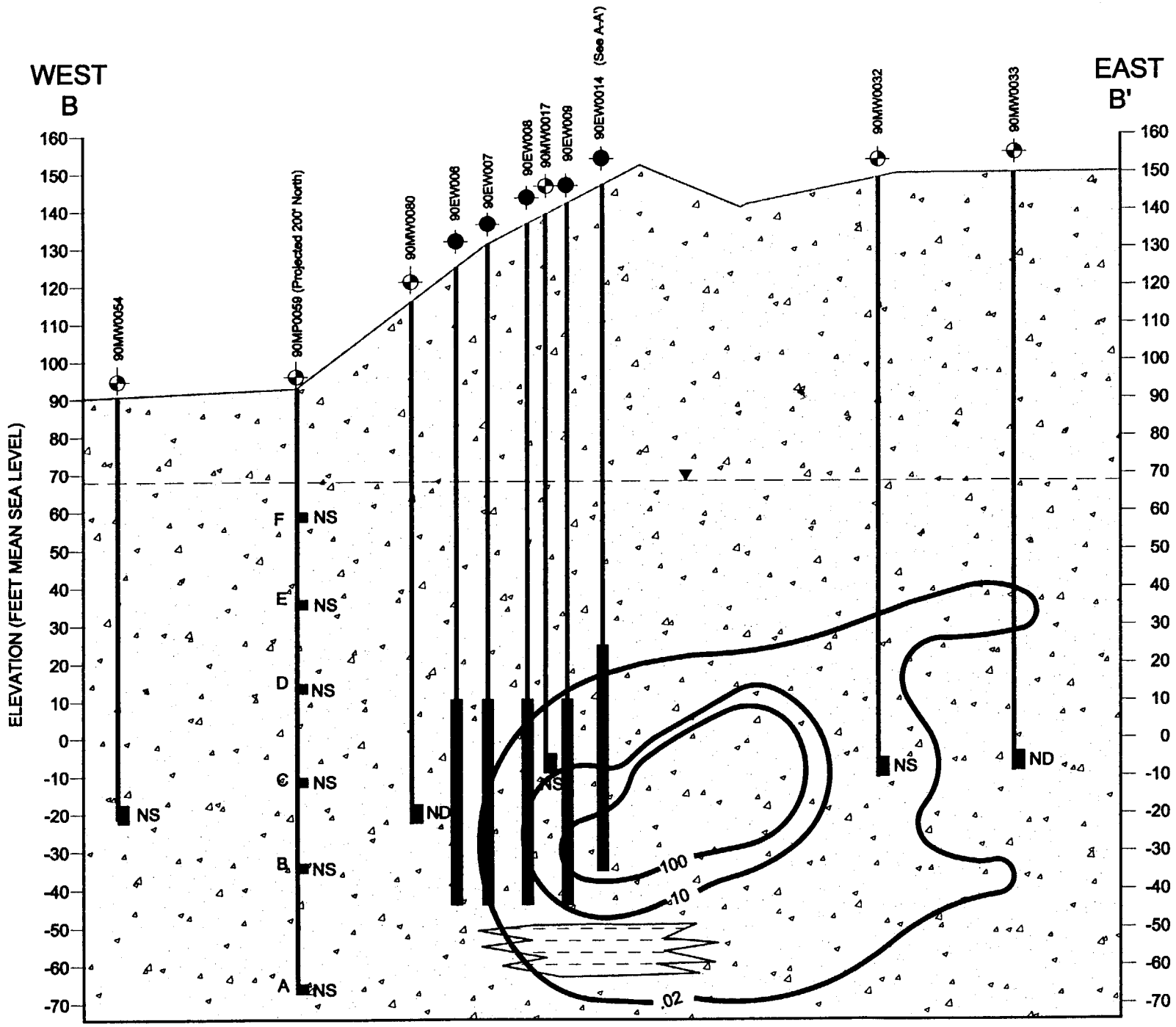
EDB Baseline Results
Cross-Section A-A' at Fuel Spill-12

Massachusetts Military Reservation
Cape Cod, Massachusetts

5/14/98 ar File:F12B4-3.dwg

Figure 4-3

CROSS-SECTION B-B'



Legend

- 90EW0010 — Extraction Well
- 90RIW0030 — Reinjection Well
- 90MW0030 — Monitoring Well
- ND — Not Detected
- NS — Not Sampled
- Well Screen
- 0.02 — EDB Isoconcentration Contour
- Water Table
- Sand
- Silty Sand

NOTE:

All concentrations in µg/L
Plume delineation and stratigaphy based on Jacobs preconstruction investigation and OPTECH's data-gap investigation (Appendix A). Both conducted in 1996.

0 500
Scale in Feet

JACOBS ENGINEERING

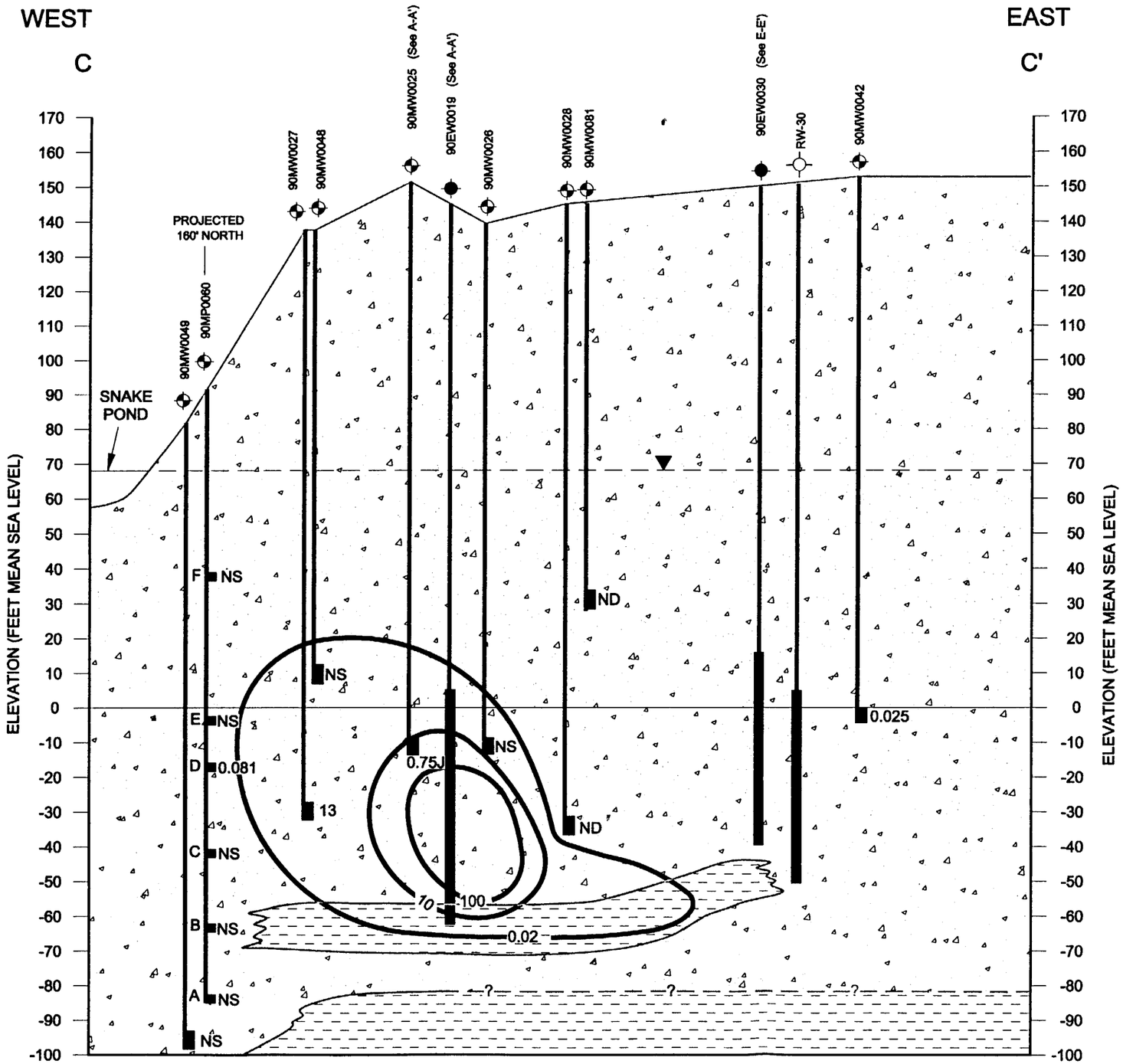
EDB Baseline Results
Cross-Section B-B' at Fuel Spill-12

Massachusetts Military Reservation
Cape Cod, Massachusetts

5/14/99 sr File:.. FS12B4-4.dwg

Figure 4-4

CROSS-SECTION C-C'



Legend

- 90EW0010 — Extraction Well
- 90RIW0030 — Reinjection Well
- 90MW0030 — Monitoring Well
- ND — Not Detected
- NS — Not Sampled
- Well Screen
- 0.02 — EDB Isoconcentration Contour
- Water Table
- Sand
- Silty Sand

NOTE:

All concentrations in µg/L
Plume delineation and stratigaphy based on Jacobs preconstruction investigation and OPTECH's data-gap investigation (Appendix A). Both conducted in 1996.

N

0 000

Scale in Feet

JACOBS ENGINEERING

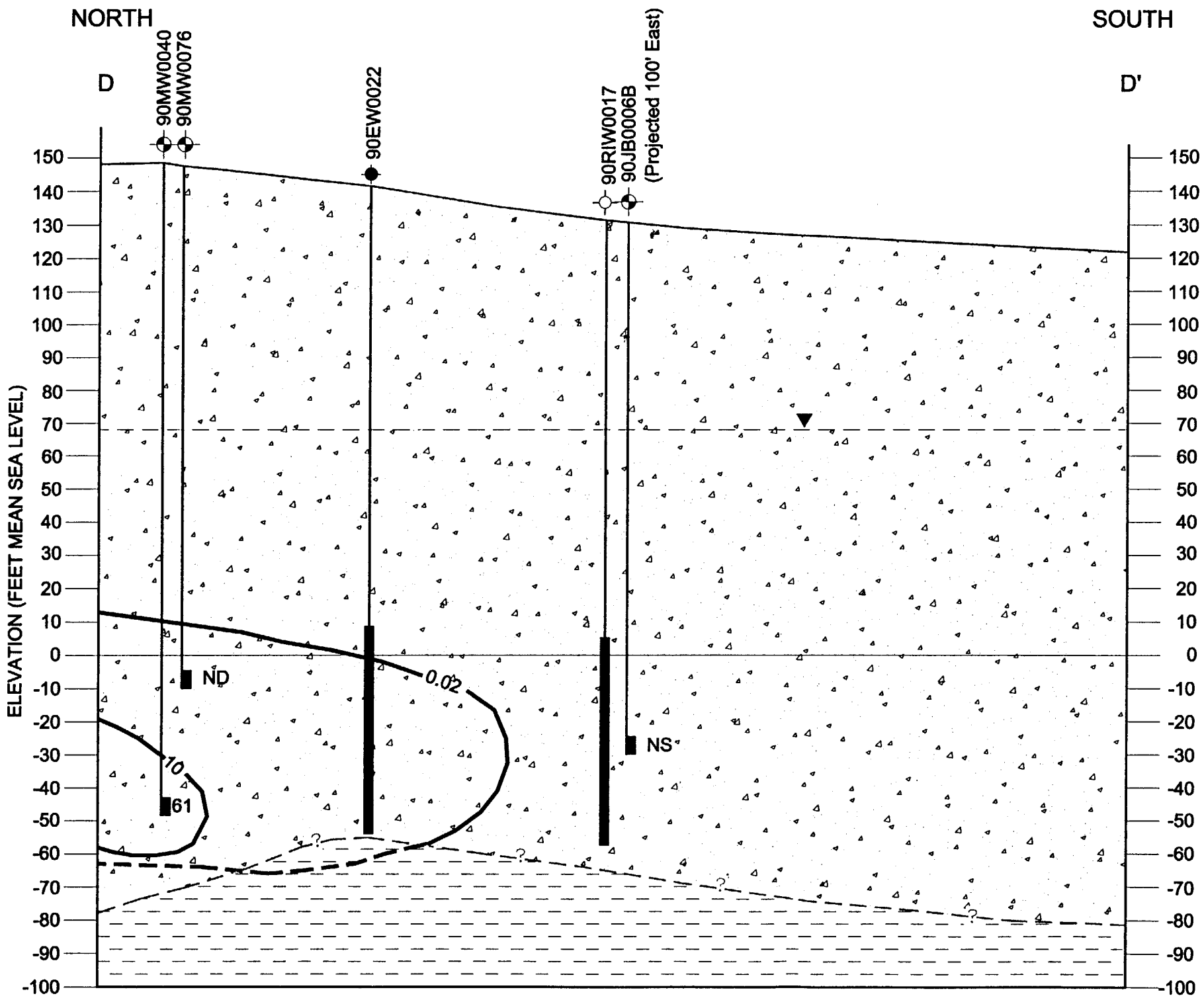
EDB Baseline Results
Cross-Section C-C' at Fuel Spill-12

Massachusetts Military Reservation
Cape Cod, Massachusetts

5/14/99 sr File:..FS12B4-5.dwg

Figure 4-5

CROSS-SECTION D-D'



Legend

- 90EW0010 — Extraction Well
- 90RIW0030 — Reinjection Well
- 90MW0030 — Monitoring Well
- ND — Not Detected
- NS — Not Sampled
- Well Screen
- 0.02 — EDB Isoconcentration Contour
- Water Table
- Sand
- Silty Sand

NOTE:

All concentrations in µg/L
Plume delineation and stratigaphy based on Jacobs preconstruction investigation and OPTECH's data-gap investigation.(Appendix A) Both conducted in 1996.

N

0 500

Scale in Feet

JACOBS ENGINEERING

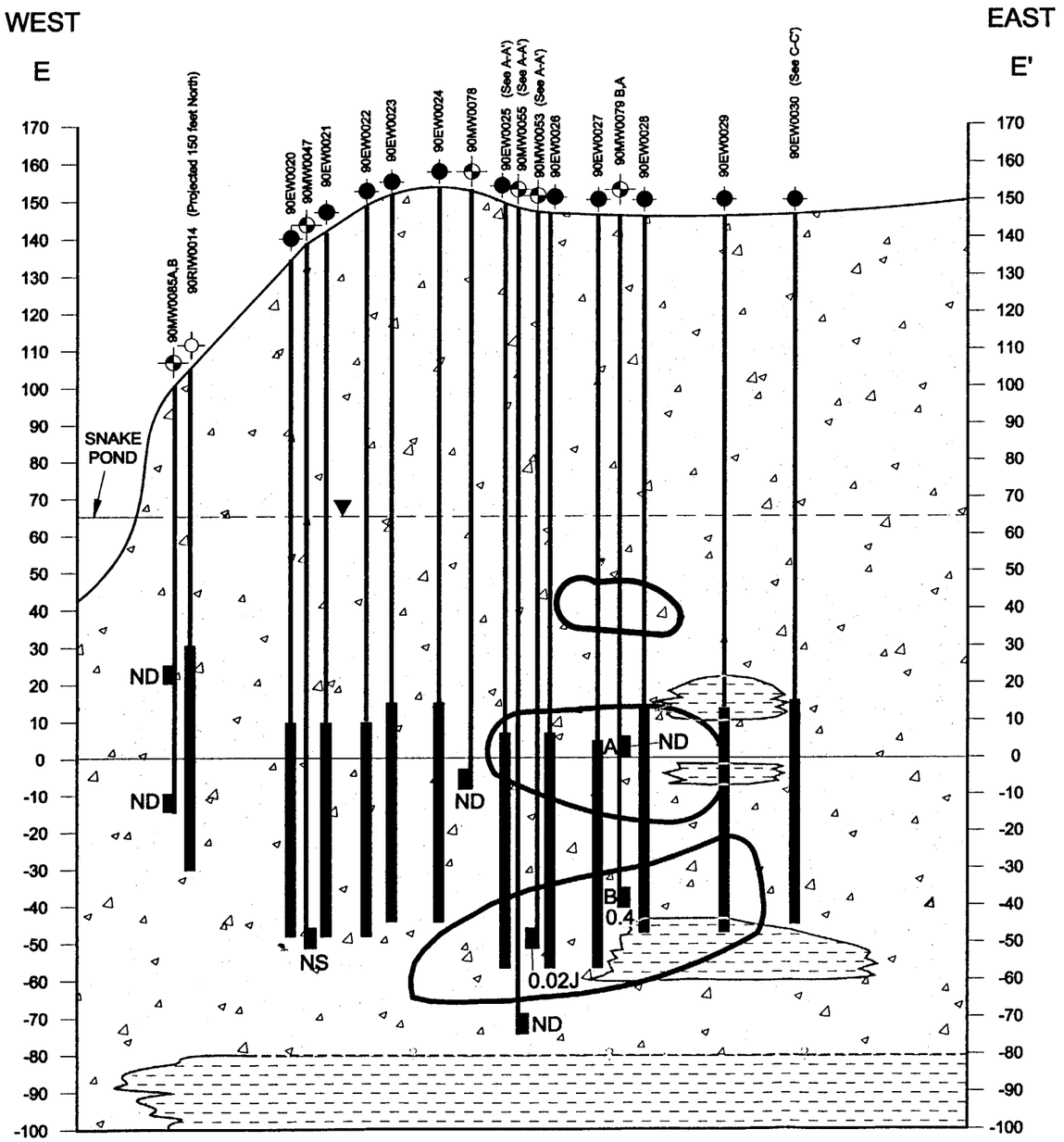
EDB Baseline Results
Cross-Section D-D' at Fuel Spill-12

Massachusetts Military Reservation
Cape Cod, Massachusetts

5/14/99 sr File:..FS12B4-6.dwg

Figure 4-6

CROSS-SECTION E-E'



Legend

90EW0010 Extraction Well

90RIW0030 Reinjection Well

90MW0030 Monitoring Well

ND Not Detected

NS Not Sampled

Well Screen

0.02 EDB Isoconcentration Contour

Water Table

Sand

Silty Sand

NOTE:

All concentrations in µg/L
Plume delineation and stratigaphy based on Jacobs preconstruction investigation and OPTECH's data-gap investigation.(Appendix A) Both conducted in 1996.

0 500
Scale in Feet

JACOBS ENGINEERING

EDB Baseline Results
Cross-Section E-E' at Fuel Spill-12

Massachusetts Military Reservation
Cape Cod, Massachusetts

5/14/99 sr File:..FS12B4-7.dwg | Figure 4-7

TABLES

TABLE 1-1
FS-12 PME MONITORING WELL CONSTRUCTION INFORMATION

WELL ID	EASTING	NORTHING	TOP OF WELL CASING ELEVATION (FEET)	TOP OF SCREEN ELEVATION (FEET)	BOTTOM OF SCREEN ELEVATION (FEET)	WELL DEPTH CLASS (1)	HYDRAULIC MONITORING (2)	CONTAMINANT MONITORING (3)	RATIONALE
90JB0001B	869592	250138	126.25	42	32	B		P= VOCs, EDB, metals	Plume definition in the vicinity of the JBT plume (with 90JB0001C and 90JB0001D).
90JB0001C	869592	250138	126.40	-3	-13	D	H	P= VOCs, EDB, metals	Plume definition and water levels in the vicinity of the JBT plume (with 90JB0001B AND 90JB0001D).
90JB0001D	869592	250138	126.57	-29	-39	E		P= VOCs, EDB, metals	Plume definition in the vicinity of the JBT plume (with 90JB0001B and 90JB0001C).
90JB0004A	870034	250048	133.14	8	-2	C	H	P= VOCs, EDB, metals	Plume definition and water levels in the vicinity of the JBT plume (with 90JB0004C).
90JB0004C	870034	250048	132.52	38	28	B		P= VOCs, EDB, metals	Plume definition in the vicinity of the JBT plume (with 90JB0004A).
90JB0006B	868959	250293		22	32	E	H	R=VOCs, EDB, metals, TSS	Monitoring for impact from the southern reinjection well fence (near RW-16 and 17). Replaces 90MW0086A and B.
90MP0059A	867512	252243	78.15	-68.3	-71	G	V		Vertical gradient monitoring near Snake Pond.
90MP0059B	867512	252243	78.20	-38.8	-41	E	V		Vertical gradient monitoring near Snake Pond.
90MP0059C	867512	252243	78.19	-14.3	-17	D	V		Vertical gradient monitoring near Snake Pond.
90MP0059D	867512	252243	78.11	10.2	8	C	VH		Vertical gradients and horizontal groundwater flow monitoring near Snake Pond.
90MP0059E	867512	252243	78.14	34.7	32	B	V		Vertical gradient monitoring near Snake Pond.
90MP0059F	867512	252243	78.16	59.2	57	A	V		Vertical gradient monitoring near Snake Pond.
90MP0060A	868100	251174	83.07	-85.5	-88	H	V		Vertical gradient monitoring near Snake Pond.
90MP0060B	868100	251174	83.19	-65.5	-68	G	V		Vertical gradient monitoring near Snake Pond.
90MP0060C	868100	251174	83.19	-41.5	-44	F	V		Vertical gradient monitoring near Snake Pond.
90MP0060D	868100	251174	83.12	-17.5	-20	D	VH	P= VOCs, EDB, metals	Plume definition, vertical gradients and groundwater flow monitoring near Snake Pond. Replaces 90MW0030.
90MP0060E	868100	251174	83.13	-1.5	-4	D	V		Vertical gradient monitoring near Snake Pond.
90MP0060F	868100	251174	83.09	40.6	38	B	V		Vertical gradient monitoring near Snake Pond.
90MW0003	868600	252861	159.15	13	8	C	H	P= VOCs, EDB, metals	Groundwater flow and plume definition in the core of the plume (with 90MW0005).
90MW0004	867295	253314	83.46	-3	-8	D	H	P= VOCs, EDB, metals	Groundwater flow and plume definition and extent on the west central portion of FS-12.
90MW0005	868602	252853	159.39	-28	-33	E	H	P= VOCs, EDB, metals	Groundwater flow and plume definition in the core of the plume (with 90MW0003).
90MW0007	868181	253701	159.48	-22	-27	E	H		Groundwater flow in the north-central portion of FS-12.
90MW0010	867959	251902	78.90	68	58	A	V		Vertical gradients on the north side of Snake Pond.
90MW0011	867956	251907	78.87	33	28	B	V		Vertical gradients on the north side of Snake Pond.
90MW0015	867957	251913	78.96	-17	-22	E	VH		Vertical gradients and groundwater flow.
90MW0017	868414	252288	145.12	-7	-12	D	H		Groundwater flow in the north-central portion of FS-12.
90MW0018									*Well destroyed. Replaced by well 90MW0020.*
90MW0019	868025	253983	157.35	-7	-12	D	H		Groundwater flow.
90MW0020	869057	251880	139.56	-9	-14	D	H	P= VOCs, EDB, metals	Groundwater flow and plume definition in the central portion of the plume. Replaces 90MW0018.
90MW0021	867877	254658	123.48	-6	-11	D	H		Groundwater flow in the northwestern portion of FS-12.
90MW0024	869268	251765	143.62	-10	-15	D	H		Groundwater flow monitoring along the east-central edge of the plume.
90MW0025	868877	251335	150.58	-9	-14	D	H	P= VOCs, EDB, metals	Groundwater flow and plume definition along the southern core of the plume.
90MW0026	869111	251306	137.83	-8	-13	D	H		Groundwater flow along the southern core of the plume.
90MW0027	868481	251378	136.39	-27	-32	E	VH	P= VOCs, EDB, metals	Vertical gradients, groundwater flow, plume definition northeast of Snake Pond.
90MW0028	869430	251263	144.53	-32	-37	E	H	P= VOCs, EDB, metals	Groundwater flow and plume definition along the southeast portion of FS-12.
90MW0030									*Well destroyed. Replaced by well 90MP0060D.*
90MW0032	869402	252130	152.46	-4	-9	D	H		Groundwater flow along the east-central edge of the plume.
90MW0033	869914	252110	154.34	-3	-8	D	H	P= VOCs, EDB, metals	Groundwater flow and plume definition along the eastern side of the plume.
90MW0035									*Well destroyed. Replaced by 90MW0054.*
90MW0036	869121	253790	126.31	10	5	C	H		Groundwater flow in the northeast portion of FS-12.
90MW0040	869029	250985	147.39	-46	-51	F	H	P= VOCs, EDB, metals	Groundwater flow and plume definition at the southern edge of the core of the plume.
90MW0042	870304	251162	151.11	-1	-4	D	H	P= VOCs, EDB, metals	Groundwater flow and plume definition in the southeastern edge of FS-12.
90MW0047	868811	250486	137.60	-47	-52	F	VH		Groundwater flow along the southern toe of the plume. Vertical gradient monitoring with well 90MW0056.
90MW0048	868493	251370	136.41	12	7	C	V		Vertical gradients northeast of Snake Pond.
90MW0049	868008	251366	80.74	-93	-98	H	H		Groundwater flow on the north edge of Snake Pond (with 90MP0060).
90MW0050	868343	250979	82.07	-6	-11	D	H	P= VOCs, EDB, metals	Groundwater flow and plume definition southwest of the plume and northeast of Snake Pond.
90MW0053	869430	250841	149.75	-46	-51	F	VH	P= VOCs, EDB, metals	Vertical gradients, groundwater flow, and plume definition along the southern extraction fence.
90MW0054	867700	252663	83.42	-18	-23	E	H		Groundwater flow west of the plume and north of Snake Pond.
90MW0055	869417	250870	150.70	-77	-82	G	VH	P= VOCs, EDB, metals	Vertical gradients, groundwater flow and plume extent monitoring under the southern extraction fence.
90MW0058	868821	250477	139.79	-77	-82	G	V	P= VOCs, EDB, metals	Plume extent monitoring under the southern extraction fence. Vertical gradient monitoring with well 90MW0047.
90MW0064A	870280	250674	143.28	39	34	B		B=VOCs, EDB	Plume definition and possible breakthrough on the southeast edge of the FS-12 plume (with 90MW0064).
90MW0064	870287	250668	142.64	-61	-66	G		B=VOCs, EDB	Plume definition and possible breakthrough on the southeast edge of the FS-12 plume (with 90MW0064A).
90MW0066A	869438	250479	132.11	-7	-12	D	VH	R=VOCs, EDB, metals, TSS	Vertical gradients, groundwater flow, and possible breakthrough along the southern reinjection fence with 90MW0066
90MW0066	869444	250473	131.70	-57	-62	G	V	R=VOCs, EDB, metals, TSS	Vertical gradients and possible breakthrough along the southern reinjection fence (with 90MW0066A).

TABLE 1-1
FS-12 PME MONITORING WELL CONSTRUCTION INFORMATION

WELL ID	EASTING	NORTHING	TOP OF WELL CASING ELEVATION (FEET)	TOP OF SCREEN ELEVATION (FEET)	BOTTOM OF SCREEN ELEVATION (FEET)	WELL DEPTH CLASS (1)	HYDRAULIC MONITORING (2)	CONTAMINANT MONITORING (3)	RATIONALE
90MW0068	869837	250522	135.15	0	-5	D	H	B=VOCs, EDB	Groundwater flow and possible breakthrough along the southeast edge of the plume.
90MW0070	867727	255039	124.61	-7	-12	D	H	R=VOCs, EDB, metals	Groundwater flow and plume definition and extent along the west-central edge of the plume.
90MW0080	867908	252360	118.68	-20	-25	E	H	P= VOCs, EDB, metals	Groundwater flow, plume definition and extent along the west-central edge of FS-12 (near EW-5).
90MW0081	869429	251267	144.31	36	31	B		R= VOCs, EDB, metals	Additional vertical control for plume definition along the central axis (with 90MW0028).
90MW0076	869021	250980	147.43	-17	-12	D		P= VOCs, EDB, metals	Additional vertical control for plume definition along the central axis (with 90MW0040).
90MW0079A	869755	250937	150.90	-5	-10	C		B=VOCs, EDB	Monitoring for possible breakthrough along the southern extraction well fence.
90MW0079B	869759	250932	150.05	-36	-41	E		B=VOCs, EDB	Monitoring for possible breakthrough along the southern extraction well fence.
**90MW0079C	TBD	TBD	TBD	-75	-80	G		P= VOCs, EDB, metals	Plume extent monitoring under the southern extraction well fence.
90MW0078	869196	250678	140.41	-6	-11	D		B=VOCs, EDB	Monitoring for possible breakthrough along the southern edge of the plume.
90MW0083	869449	250477	131.81	25	20	B	H	R=VOCs, EDB, metals, TSS	Groundwater flow and monitoring for possible breakthrough at southern reinjection fence (with 90MW0066A and B).
90PZ0082	869402	250812		55	50	A	VG		Vertical gradients and groundwater model sensitivity along the southern extraction fence.
90MW0082B	869398	250814	147.94	30	25	B	VG		Vertical gradients and groundwater model sensitivity along the southern extraction fence.
90MW0082A	869402	250812	147.94	-5	-10	D	VG		Vertical gradients and groundwater model sensitivity along the southern extraction fence.
90MW0077	870269	250683	143.99	-1	-6	D	H	B=VOCs, EDB	Groundwater flow and monitoring for possible breakthrough along the southeastern edge of the plume.
90MW0084B	869844	250534	135.50	31	26	B		B=VOCs, EDB	Additional vertical control for possible breakthrough along the central axis (with 90MW0068).
90MW0084A	869835	250534	135.53	-24	-29	E		B=VOCs, EDB	Additional vertical control for possible breakthrough along the central axis (with 90MW0068).
90MW0085B	868553	250328	113.20	25	20	B		R=VOCs, EDB, metals, TSS	Monitoring for possible impact near Snake Pond and down-gradient of the southern reinjection well fence.
90MW0085A	868553	250328	113.24	-10	-15	D		R=VOCs, EDB, metals, TSS	Monitoring for possible impact near Snake Pond and down-gradient of the southern reinjection well fence.
90MW0086A									*Well proposed but not installed due to property access limitaions. Replaced by 90JB006B.*
90MW0086B									*Well proposed but not installed due to property access limitaions. Replaced by 90JB006B.*

NOTES:
*= Well 90MW0056 will be added to the PME program in spring 1998 in response to a request from the Massachusetts Department of Environmental Protection (DEP).
**= Well 90MW0079C will be constructed and added to the PME program in spring 1998 in response to a request from the DEP.

(1) WELL DEPTH CLASS
- A >40 ft-msl
- B >20 and <40 ft-msl
- C >0 and <20 ft-msl
- D >-20 and <0 ft-msl
- E >-40 and <-20 ft-msl
- F >-60 and <-40 ft-msl
- G >-80 and <-60 ft-msl
- H < -80 ft-msl

(2) HYDRAULIC MONITORING
- G = level measurement, groundwater model sensitivity
- H = level measurement, horizontal flow
- V = level measurement, vertical gradients

(3) CONTAMINANT MONITORING
- B = plume breakthrough
- P = plume extent
- R = plume reinjection impact and southern toe monitoring

JBT = J. Braden Thompson
VOC = volatile organic compounds by U.S. Environmental Protection Agency (EPA) CLP method OLC 02.1
EDB = ethylene dibromide by EPA method 504
TSS = total suspended solids by EPA method 160.2
metals = calcium, magnesium, manganese, iron (total), iron speciation (by field kit)
All wells were also monitored in the field for dissolved oxygen, pH, conductivity, temperature, oxidation reduction potential and turbidity
TBD= to be determined

TABLE 2-1
FS-12 PRE-OPERATIONAL EXTRACTION WELL SAMPLING

WELL	EDB µg/L	BENZENE µg/L	IRON µg/L	MANG µg/L	TDS mg/L	TSS mg/L
EW 6	0.027	ND	222	28.6	85	ND
EW 7	0.039	ND	142	8.5	48	ND
EW 8	1.1	ND	166	7	86	13
EW 9	440.00	450	143	43	77	12
EW 10	13	150	746	100	83	8
EW 11	31	520	202	96	71	10
EW 12	110	810	570	107	110	ND
EW 13	250	910	2050	145	55	8
EW 14	260	220	172	144	51	11
EW 15	300	260	172	94	55	ND
EW 16	400	550	189	99	11	4
EW 17	40	170	80	310	71	10
EW 18	250	800	666	120.0	63	4
EW 19	110	24	264	30.1	41	ND
EW 20	ND	ND	138	61	64	7
EW 21	ND	ND	119	45	66	9
EW 22	ND	ND	214	52	72	10
EW 23	0.21	ND	298	79	43	5
EW 24	0.21	ND	195	49	89	6
EW 25	0.24	ND	201	39	86	12
EW 26	0.11	ND	93	33	37	ND
EW 27	0.73	ND	223	33.3	50	5
EW 28	0.69	ND	68	30	59	ND
EW 29	ND	ND	137	49	68	4
EW 30	ND	ND	195	51	59	4

All concentrations from analyses conducted after installation of pumps May 1997 to June 1997.
Bolded values are the highest values detected for each analyte.
ND= Not detected

EDB = ethylene dibromide
MANG = manganese
TDS = total dissolved solids
TSS = total suspended solids
ug/L = micrograms per liter
mg/L = milligrams per liter

(intentionally blank)

TABLE 2-2
FS-12 TREATMENT PLANT
SAMPLING RESULTS:
September 18 to October 2, 1997

DATE	TIME	LOCATION	Laboratory Analyses				YSI						HACH	
			BENZENE (ug/L)	EDB (ug/L)	ETHYL BENZENE (ug/L)	XYLENES (ug/L)	pH	Temp (°C)	DO (mg/L)	ORP (mV)	SpC (mS/cm)	Turb (ntu)	Total FE (mg/L)	Ferrous (mg/L)
9/18/97	11:20	Plant Influent	**1.22**	**1.39**	<0.5	<0.5	--	--	--	--	--	--	--	--
9/18/97	11:30	Plant Effluent	<0.5	<0.01	<0.5	<0.5	--	--	--	--	--	--	--	--
9/18/97	12:35	Plant Influent	--	--	--	--	6.6	11.8	15.1	203	0.062	3	>1.98	0.21
9/18/97	12:50	Post Caustic	--	--	--	--	6.9	15	10.6	238	0.112	16	0.00	1.41
9/18/97	12:58	Post Greensand	<1.0	<0.01	<1.0	<1.0	6.9	18	8.4	229	0.202	4.2	0.00	0.13
9/18/97	13:06	Post UV/H2O2	<1.0	<0.01	<1.0	<1.0	7.1	18.7	8.7	195	0.191	1.6	0.01	0.21
9/18/97	13:18	Post GAC-1A	<0.5	<0.01	<0.5	<0.5	8.8	19.5	3.9	179	0.27	0.7	0.00	0.03
9/18/97	13:30	Post GAC-1B	--	--	--	--	9.1	19.5	3.3	173	0.26	4.1	0.00	0.06
9/18/97	13:40	Post GAC-2A	<0.5	<0.01	<0.5	<0.5	9.3	19.7	3.4	152	0.272	0.1	0.00	0.04
9/18/97	13:50	Post GAC-2B	--	--	--	--	9.1	19.5	3.3	150	0.246	-0.2	0.00	0.04
9/18/97	14:03	Plant Effluent	<0.5	<0.01	**0.44**	**1.16**	9.1	20	7.7	160	0.313	1.4	0.00	0.41
	EFFLUENT RECYCLED AND RESAMPLED 9/19/97 @ 10:15													
9/19/97	10:15	Plant Effluent	<0.5	<0.01	<0.5	<0.5								
9/20/97	8:00	Plant Influent	**106.5**	**53.9**	<0.5	<0.5	--	--	--	--	--	--	--	--
9/20/97	8:00	Post GAC-1A	<0.5	<0.01	<0.5	<0.5	--	--	--	--	--	--	--	--
9/20/97	8:00	Post GAC-2A	<0.5	<0.01	<0.5	<0.5	--	--	--	--	--	--	--	--
9/20/97	8:00	Plant Effluent	<0.5	<0.01	<0.5	<0.5	--	--	--	--	--	--	--	--
9/20/97	9:02	Plant Influent	**240**	**65**	<0.5	<0.5	7.1	11.7	10	151	0.078	-2.9		0.08
9/20/97	9:22	Post Caustic	--	--	--	--	6.9	11.8	10.9	151	0.085	1.7		0.2
9/20/97	9:30	Post Greensand	**150**	**40**	<0.5	<0.5	7.5	13	9.9	146	0.093	3.6		0.03
9/20/97	9:55	Post UV/H2O2	**240**	**45**	<0.5	<0.5	7.6	12.9	10.6	149	0.095	4.1		0.05
9/20/97	10:10	Post GAC-1A	<0.5	<0.01	<0.5	<0.5	8.6	14.6	3.4	159	0.093	4.5		0.04
9/20/97	10:23	Post GAC-1B	--	--	--	--	8.8	17.1	4.5	145	0.104	5.3		0.07
9/20/97	10:35	Post GAC-2A	<0.5	<0.01	<0.5	<0.5	9.1	13.5	3.5	145	0.094	4.3		0.05
9/20/97	10:50	Post GAC-2B	--	--	--	--	9.2	14.9	3.9	143	0.096	4.8		0.03
9/20/97	11:02	Plant Effluent	--	--	--	--	9.1	16.7	4.9	147	0.104	4.9		0.08

TABLE 2-2
FS-12 TREATMENT PLANT
SAMPLING RESULTS:
September 18 to October 2, 1997

			Laboratory Analyses				YSI						HACH	
DATE	TIME	LOCATION	BENZENE (ug/L)	EDB (ug/L)	ETHYL BENZENE (ug/L)	XYLENES (ug/L)	pH	Temp (°C)	DO (mg/L)	ORP (mV)	SpC (mS/cm)	Turb (ntu)	Total FE (mg/L)	Ferrous (mg/L)
9/22/97	9:05	Plant Influent	**180**	**68**	<0.5	<0.5	8.6	10.8	9.4	48.9	0.124	0.1	0.04	0.1
9/22/97	9:35	Post Caustic	--	--	--	--	7.4	11.3	11.2	84.4	0.068	0.2	0.1	0.14
9/22/97	9:45	Post Greensand	**130**	**52**	<0.5	<0.5	7.7	12.8	9.6	80.9	0.086	-0.2	0.00	0.03
9/22/97	10:10	Post UV/H2O2	**170**	**59**	<0.5	<0.5	7.8	12.3	10.5	94.3	0.086	-0.5	0.01	0.06
9/22/97	10:35	Post GAC-1A	<0.5	<0.01	<0.5	<0.5	9.2	13.4	3.8	70.8	0.09	-0.7	0.00	0.03
9/22/97	10:57	Post GAC-1B	--	--	--	--	9.2	13.2	3.7	76.8	0.101	-0.8	0.00	0.02
9/22/97	11:05	Post GAC-2A	<0.5	<0.01	<0.5	<0.5	9.4	12.6	5.8	75.4	0.085	-0.2	0.02	0.04
9/22/97	11:25	Post GAC-2B	--	--	--	--	9.5	13.3	3.7	70.9	0.09	-1.2	0.00	0.03
9/22/97	11:32	Plant Effluent	--	--	--	--	9.4	13.3	8.9	77.9	0.096	-1.2	0.00	0.05
9/23/97	8:45	Plant Influent	**120**	**45**	<0.5	<0.5	6.3	10.9	10.8	213	0.058	0.2	0.00	0.03
9/23/97	9:05	Post Caustic	--	--	--	--	6.6	11.1	10.7	221	0.072	0.5	0.00	0.03
9/23/97	9:16	Post Greensand	**99**	**43**	<0.5	<0.5	7.2	11.5	8.4	219	0.072	6.8	0.00	0.15
9/23/97	9:42	Post UV/H2O2	**66**	**22**	<0.5	<0.5	7.3	11.8	10.2	249	0.075	1.5	0.01	0.08
9/23/97	10:07	Post GAC-1A	<0.5	<0.01	<0.5	<0.5	10	11.8	3.9	189	0.078	1.6	0.00	0.04
9/23/97	10:28	Post GAC-1B	--	--	--	--	9.7	11.8	3.7	183	0.079	0.1	0.00	0.01
9/23/97	10:42	Post GAC-2A	<0.5	<0.01	<0.5	<0.5	10.2	11.9	3.5	160	0.081	0.9	0.00	0.04
9/23/97	11:02	Post GAC-2B	--	--	--	--	10	11.8	3.3	152	0.08	1.3	0.00	0.03
9/23/97	11:10	Plant Effluent	--	--	--	--	10	11.8	5	146	0.081	0.5	0.00	0.02
9/24/97	10:00	Plant Influent	**200**	**72**	<0.5	<0.5	6.3	10.8	8.7	223	0.07	0.9	0.00	0.01
9/24/97	10:15	Post Caustic	--	--	--	--	6.7	10.9	11.8	211	0.08	0.2	0.00	0.04
9/24/97	10:30	Post Greensand	**190**	**74**	<0.5	<0.5	7	10.9	11.1	202	0.081	0.1	0.00	0.01
9/24/97	10:50	Post UV/H2O2	**81**	**27**	<0.5	<0.5	7.1	11.3	13.4	248	0.081	-0.1	0.00	0.03
9/24/97	11:12	Post GAC-1A	<0.5	<0.01	<0.5	<0.5	9.8	11.4	5.8	197	0.076	-0.1	0.00	0.02
9/24/97	11:35	Post GAC-1B	--	--	--	--	10	11.4	3.9	168	0.078	-0.2	0.00	0.03
9/24/97	11:45	Post GAC-2A	<0.5	<0.01	<0.5	<0.5	10	11.4	4.9	151	0.081	-0.1	0.00	0.01
9/24/97	12:01	Post GAC-2B	--	--	--	--	10.1	11.4	4.2	138	0.081	-0.2	0.00	0.01
9/24/97	12:10	Plant Effluent	--	--	--	--	10.1	11.4	8.6	126	0.081	-0.3	0.00	0.02
9/25/97	9:30	Plant Influent	**158.1**	**55.6**	ND	ND	--	--	--	--	--	--	--	--
9/25/97	9:30	Post Greensand	**128.5**	**52.7**	ND	ND	--	--	--	--	--	--	--	--
9/25/97	9:30	Post UV/H2O2	**47.12**	**26.9**	ND	ND	--	--	--	--	--	--	--	--
9/25/97	9:30	Post GAC-1A	ND	ND	ND	ND	--	--	--	--	--	--	--	--
9/25/97	9:30	Post GAC-2A	ND	ND	ND	ND	--	--	--	--	--	--	--	--

TABLE 2-2
FS-12 TREATMENT PLANT
SAMPLING RESULTS:
September 18 to October 2, 1997

DATE	TIME	LOCATION	Laboratory Analyses				YSI						HACH	
			BENZENE (ug/L)	EDB (ug/L)	ETHYL BENZENE (ug/L)	XYLENES (ug/L)	pH	Temp (°C)	DO (mg/L)	ORP (mV)	SpC (mS/cm)	Turb (ntu)	Total FE (mg/L)	Ferrous (mg/L)
9/25/97	10:10	Plant Influent	**180**	**54**	<0.5	<0.5	6.6	11.1	8.8	154	0.068	1.3		
9/25/97	10:25	Post Caustic	--	--	--	--	6.7	11.2	10.2	162	0.085	1.3		
9/25/97	10:40	Post Greensand	**170**	**46**	<0.5	<0.5	6.9	11.3	9.1	168	0.088	0.6		
9/25/97	10:55	Post UV/H2O2	**69**	**25**	<0.5	<0.5	7	11.8	10.4	179	0.089	1		
9/25/97	11:10	Post GAC-1A	<0.5	<0.01	<0.5	<0.5	9	11.9	3.7	178	0.084	2.1		
9/25/97	11:32	Post GAC-1B	--	--	--	--	9.5	11.8	3.6	176	0.087	2.4		
9/25/97	11:45	Post GAC-2A	<0.5	<0.01	<0.5	<0.5	9.4	12	5.1	159	0.086	1.9		
9/25/97	12:02	Post GAC-2B	--	--	--	--	9.7	11.9	3.5	150	0.088	1.2		
9/25/97	12:10	Plant Effluent	--	--	--	--	9.7	12	8.4	141	0.088	2.1		
9/29/97	10:10	Plant Influent	**110**	**45**	<0.5	<0.5	6.7	11.5	10	180	0.066	0.1	0.04	0.00
9/29/97	10:30	Post Caustic	--	--	--	--	6.9	11.7	10.9	189	0.085	0.03	0.04	0.00
9/29/97	10:47	Post Greensand	**84**	**43**	<0.5	<0.5	6.9	11.8	9.3	198	0.087	-0.2	0.00	0.00
9/29/97	11:04	Post UV/H2O2	**67**	**29**	<0.5	<0.5	7	12.2	10.4	198	0.087	0.0	0.01	0.00
9/29/97	11:20	Post GAC-1A	<0.5	<0.01	<0.5	<0.5	8.9	12.4	3.6	157	0.084	-0.1	0.01	0.00
9/29/97	11:38	Post GAC-1B	--	--	--	--	9	12.3	3.3	144	0.083	0.1	0.02	0.00
9/29/97	11:45	Post GAC-2A	<0.5	<0.01	<0.5	<0.5	8.8	12.4	5.2	137	0.085	-0.2	0.00	0.00
9/29/97	12:02	Post GAC-2B	--	--	--	--	9.2	12.3	3.3	125	0.083	-0.1	0.00	0.00
9/29/97	12:10	Plant Effluent	--	--	--	--	9.2	12.5	8	118	0.085	-0.5	0.01	0.00
9/30/97	10:45	Plant Influent	**81**	**37**	<0.5	<0.5	6.6	11.2	10	330	0.065	0.4	0.03	0.00
9/30/97	11:05	Post Caustic	--	--	--	--	6.7	11.3	11.2	343	0.072	0.7	0.05	0.00
9/30/97	11:15	Post Greensand	<0.5	**38**	<0.5	<0.5	6.8	11.5	10.7	350	0.072	--	0.01	0.00
9/30/97	11:31	Post UV/H2O2	<0.5	**38**	<0.5	<0.5	6.9	11.6	11.4	317	0.073	0.3	0.03	0.00
9/30/97	11:44	Post GAC-1A	<0.5	<0.01	<0.5	<0.5	7.9	11.6	5.8	304	0.069	0.6	0.01	0.00
9/30/97	11:59	Post GAC-1B	--	--	--	--	8.9	11.6	3.3	256	0.072	0.1	0.06	0.00
9/30/97	12:05	Post GAC-2A	<0.5	<0.01	<0.5	<0.5	8.4	11.7	7.6	248	0.07	-0.1	0.01	0.00
9/30/97	12:20	Post GAC-2B	--	--	--	--	9	11.6	4.1	220	0.07	-0.1	0.00	0.00
9/30/97	12:34	Plant Effluent	--	--	--	--	9.2	11.8	9	201	0.072	-0.2	0.01	0.00

TABLE 2-2
FS-12 TREATMENT PLANT
SAMPLING RESULTS:
September 18 to October 2, 1997

			Laboratory Analyses				YSI						HACH	
DATE	TIME	LOCATION	BENZENE (ug/L)	EDB (ug/L)	ETHYL BENZENE (ug/L)	XYLENES (ug/L)	pH	Temp (°C)	DO (mg/L)	ORP (mV)	SpC (mS/cm)	Turb (ntu)	Total FE (mg/L)	Ferrous (mg/L)
10/2/97	10:30	Plant Influent	**160**	**36**	<0.5	<0.5	6.6	10.7	12.6	115	0.034	0.8	0.04	0.00
10/2/97	10:48	Post Caustic	--	--	--	--	6.7	10.8	15.3	128	0.073	1	0.04	0.00
10/2/97	11:05	Post Greensand	<0.5	**39**	<0.5	<0.5	6.9	10.9	14.1	125	0.071	3.2	0.01	0.00
10/2/97	11:10	Post UV/H2O2	<0.5	**29**	<0.5	<0.5	6.9	10.9	14.9	127	0.072	1.5	0.04	0.00
10/2/97	11:30	Post GAC-1A	<0.5	<0.01	<0.5	<0.5	7.2	11	10.6	127	0.07	0.6	0.02	0.00
10/2/97	11:42	Post GAC-1B	--	--	--	--	8.6	11	4.5	101	0.071	0.9	0.00	0.00
10/2/97	12:00	Post GAC-2A	<0.5	<0.01	<0.5	<0.5	8.6	11	11	95.4	0.07	0.2	0.01	0.00
10/2/97	12:12	Post GAC-2B	--	--	--	--	8.9	11	7.8	89.1	0.07	0.0	0.00	0.00
10/2/97	12:25	Plant Effluent	--	--	--	--	9.3	11.1	9	75.1	0.071	0.5	0.14	0.00

DO = dissolved oxygen
EDB = ethylene dibromide
FE = iron
Ferrous = ferrous iron
Hach DREL 2000 spechtrophotometer
mg/L = milligrams per liter
mS/cm = milli-Siemens per centimeter
mV = millivolts
ntu = nephelometric turbidity units
ORP = oxidation reduction potential
SpC = specific conductivity
Temp= temperature
Turb = turbidity
YSI - Yellow Springs Inc. 6820 water quality meter
µg/L = micrograms per liter

Refer to Figure 2-1 for schematic view of sample locations:
Plant Influent= Sample port at plant Influent
Post Caustic= Sample port after caustic addition
Post Greensand= Sample port after greensand filter
Post UV/H2O2= Sample port after ultraviolet/oxidation reactor
Post GAC-1A= Sample location after granular activated carbon filter 1A
Post GAC-1B= Sample location after granular activated carbon filter 1B
Post GAC-2A= Sample collected after granular activated carbon filter 2A
Post GAC-2B= Sample location after granular activated carbon filter 2B
Plant Effluent= Sample collected at plant effluent

TABLE 3-1

GROUNDWATER ELEVATION READINGS: FS-12 PME BASELINE AND START-UP MONITORING

WELL ID	EASTING	NORTHING	TOP CASING ELEVATION	Depth to Water 04-Sep-97	Water Elevations 04-Sep-97	Depth to Water 26-Sep-97	Water Elevations 26-Sep-97	Observed Change	Adjusted Change (Change +0.25)	Depth to Water 03-Oct-97	Water Elevations 03-Oct-97	Observed Change	Adjusted Change (Change +0.33)
90JB0001C	869640	250020	126.40	56.90	69.50	56.80	69.60	0.10	0.35	57.13	69.27	-0.23	0.1
90JB0004A	870060	250040	132.88	NR		63.15	69.73			63.86	69.02		
90MP0059A	867510	252240	78.15	6.9	71.3	7.15	71	-0.25	0	7.3	70.85	-0.4	-0.07
90MP0059B	867510	252240	78.2	6.9	71.3	7.15	71.05	-0.25	0	7.18	71.02	-0.28	0.05
90MP0059C	867510	252240	78.19	6.9	71.3	7.15	71.04	-0.25	0	7.15	71.04	-0.25	0.08
90MP0059D	867510	252240	78.11	6.9	71.2	7.15	70.96	-0.25	0	7.15	70.96	-0.25	0.08
90MP0059E	867510	252240	78.14	6.9	71.2	7.15	70.99	-0.25	0	7.15	70.99	-0.25	0.08
90MP0059F	867510	252240	78.16	6.9	71.3	7.15	71.01	-0.25	0	7.15	71.01	-0.25	0.08
90MP0060A	868000	251190	83.07	12.5	70.6	12.75	70.32	-0.25	0	12.56	70.51	-0.06	0.27
90MP0060B	868000	251190	83.19	12.5	70.7	12.75	70.44	-0.25	0	12.56	70.63	-0.06	0.27
90MP0060C	868000	251190	83.19	12.5	70.7	12.75	70.44	-0.25	0	12.56	70.63	-0.06	0.27
90MP0060D	868000	251190	83.12	12.5	70.6	12.75	70.37	-0.25	0	12.56	70.56	-0.06	0.27
90MP0060E	868000	251190	83.13	12.5	70.6	12.75	70.38	-0.25	0	12.56	70.57	-0.06	0.27
90MP0060F	868000	251190	83.09	12.5	70.6	12.75	70.34	-0.25	0	12.56	70.53	-0.06	0.27
90MW0003	868334.5	252804.99	159.15	87.98	71.17	88.3	70.85	-0.32	-0.07	88.41	70.74	-0.43	-0.1
90MW0004	867298	253306.51	83.46	11.79	71.67	12.04	71.42	-0.25	0	12.14	71.32	-0.35	-0.02
90MW0005	868332.5	252810.36	159.39	88.08	71.31	88.39	71	-0.31	-0.06	88.51	70.88	-0.43	-0.1
90MW0007	868181.5	253701.38	159.48	87.72	71.76	87.92	71.56	-0.2	0.05	88.08	71.4	-0.36	-0.03
90MW0010	867959.4	251901.7	78.9	8.06	70.84	8.4	70.5	-0.34	-0.09	8.21	70.69	-0.15	0.18
90MW0011	867958.1	251906.91	78.87	8.12	70.75	8.45	70.42	-0.33	-0.08	8.28	70.59	-0.16	0.17
90MW0015	867956.7	251912.98	78.96	8.1	70.86	8.43	70.53	-0.33	-0.08	8.23	70.73	-0.13	0.2
90MW0017	868414.4	252288.16	145.12	74.07	71.05	74.4	70.72	-0.33	-0.08	74.52	70.6	-0.45	-0.12
90MW0019	868025.1	253982.7	157.35	85.28	72.07	85.51	71.84	-0.23	0.02	--	--		
90MW0021	867576.6	254657.58	123.48	--	--	NR				51.5	71.98		
90MW0024	869267.9	251765.4	143.62	72.92	70.7	73.15	70.47	-0.23	0.02	73.35	70.27	-0.43	-0.1
90MW0025	868877.3	251335.27	150.58	80.25	70.33	80.3	70.28	-0.05	0.2	80.53	70.05	-0.28	0.05
90MW0026	869111	251305.8	137.83	--	--	67.04	70.79			67.9	69.93		
90MW0027	868481	251376	136.39	65.45	70.94	66.04	70.35	-0.59	-0.34	66.08	70.31	-0.63	-0.3
90MW0028	869428.2	251273.3	144.53	74.08	70.45	73.56	70.97	0.52	0.77	73.98	70.55	0.1	0.43
90MW0032	869401.8	252130.02	152.46	81.43	71.03	81.69	70.77	-0.26	-0.01	81.81	70.65	-0.38	-0.05
90MW0033	869914.1	252109.92	154.34	83.52	70.82	83.8	70.54	-0.28	-0.03	83.93	70.41	-0.41	-0.08
90MW0036	869120.6	253790.29	126.31	54.56	71.75	NR				54.87	71.44	-0.31	0.02
90MW0040	869028.6	250985.23	147.39	77	70.39	77.25	70.14	-0.25	0	77.61	69.78	-0.61	-0.28
90MW0042	870393.8	251162.47	151.11	81.19	69.92	81.26	69.85	-0.07	0.18	81.64	69.47	-0.45	-0.12
90MW0047	868811	250485.59	137.6	67.86	69.74	67.51	70.09	0.35	0.6	67.94	69.66	-0.08	0.25
90MW0048	868493	251370	136.41	65.85	70.56	66.1	70.31	-0.25	0	66.14	70.27	-0.29	0.04
90MW0049	868007.9	251365.8	80.74	--	--	10.31	70.43			10.34	70.4		
90MW0050	868343.4	250979.84	82.67	12.08	70.59	12.39	70.28	-0.31	-0.06	12.45	70.22	-0.37	-0.04
90MW0053	869430.3	250840.78	149.75	79.45	70.3	78.5	71.25	0.95	1.2	80.31	69.44	-0.86	-0.53
90MW0055	869417.4	250870.3	150.7	NR		80.63	70.07			81.23	69.47		

TABLE 3-1

GROUNDWATER ELEVATION READINGS: FS-12 PME BASELINE AND START-UP MONITORING

WELL ID	EASTING	NORTHING	TOP CASING ELEVATION	Depth to Water 04-Sep-97	Water Elevations 04-Sep-97	Depth to Water 26-Sep-97	Water Elevations 26-Sep-97	Observed Change	Adjusted Change (Change +0.25)	Depth to Water 03-Oct-97	Water Elevations 03-Oct-97	Observed Change	Adjusted Change (Change +0.33)
90MW0066A	869438.3	250478.54	131.7	61.71	69.99	62.34	69.36	-0.63	-0.38	62.25	69.45	-0.54	-0.21
90MW0066	869443.8	250473.24	132.11	62.25	69.86	61.81	70.3	0.44	0.69	62.8	69.31	-0.55	-0.22
90MW0068	869837.4	250521.6	135.15	NR		65.45	69.7			65.9	69.25		
90MW0070	867726.8	253039.3	124.61	NR		53.35	71.26			53.25	71.36		
90MW0077	870269.1	250683.3	143.99	NR		74.45	69.54			74.84	69.15		
90MW0080	867908	252359.8	118.68	47.8	70.88	NR				48.01	70.67	-0.21	0.12
90MW0082A	869402	250812.2	147.94	77.72	70.22	77.9	70.04	-0.18	0.07	78.62	69.32	-0.9	-0.57
90MW0082B	869397.8	250814.2	147.94	77.7	70.24	77.82	70.12	-0.12	0.13	78.41	69.53	-0.71	-0.38
90MW0083	869448.8	250477.5	131.81	61.81	70	61.9	69.91	-0.09	0.16	62.32	69.49	-0.51	-0.18

*= Background wells expected to be outside the influence of the ETR system.
These wells are used to calculate natural groundwater elevation changes.
All elevations are in feet relative to mean sea level.
Observed changes are changes in groundwater elevation relative to the September 4, 1997 elevations.
Adjusted Change on September 26, 1997= (observed change) - (change at well 90MW0004).
Adjusted Change on October 3, 1997= (observed change) - (average of changes at wells 90MW0004 and 90MW0036).

NR= No reading obtained.
– = Suspected erroneous reading deleted from consideration.

TABLE 4-1
FS-12 PERFORMANCE MONITORING EVALUATION
SUMMARY OF BASELINE FIELD PARAMETER RESULTS

WELL ID	EASTING	NORTHING	WELL DEPTH CLASS (1)	CONTAMINANT MONITORING (2)	pH	DO (mg/L)	Temp (°C)	Spec. Cond. (mS/cm)	Turbidity (NTU)	ORP (mV)	Total Fe (mg/L)	Fe2+ (mg/L)
90JB0001B	869640.00	250020.00	B	P	5.40	10.26	11.78	**0.143**	2.7	238.0	0.14	0.00
90JB0001C	869640.00	250020.00	D	P	5.92	10.90	12.49	0.050	1.0	163.7	0.51	0.00
90JB0001D	869640.00	250020.00	E	P	6.13	12.11	12.12	0.050	7.0	141.0	0.07	0.00
90JB0004A	870060.00	250040.00	C	P	6.03	10.79	**15.21**	0.048	21.2	180.1	0.08	0.05
90JB0004C	870060.00	250040.00	B	P	5.77	9.51	13.69	0.052	2.4	146.4	0.18	0.12
90MP0060C	868000.00	251190.00	F	E	6.14	10.57	11.07	0.055	3.8	117.9	0.07	0.01
90MP0060D	868000.00	251190.00	D	E	6.10	10.90	**10.81**	**0.047**	2.3	135.0	0.07	0.01
90MP0060F	868000.00	251190.00	B	PE	5.79	10.74	10.83	0.064	1.4	185.0	0.07	0.01
90MW0003	868334.47	252804.99	C	PE	5.79	0.11	14.89	0.092	3.3	-11.7	**1.93**	**1.78**
90MW0004	867298.02	253306.51	D	P	5.18	10.14	11.37	0.069	-0.5	211.6	0.02	0.00
90MW0005	868332.51	252810.36	E	P	6.06	**0.07**	11.89	0.093	1.3	112.6	1.12	0.09
90MW0015	867956.69	251912.98	D	E	5.87	9.99	11.79	0.056	0.3	213.8	0.07	0.01
90MW0025	868877.29	251335.27	D	P	6.04	12.34	13.43	0.053	3.8	103.1	0.07	0.08
90MW0027	868480.53	251376.12	E	P	6.63	10.44	12.65	0.067	7.7	144.9	0.11	0.10
90MW0028	869428.22	251273.30	E	P	6.00	9.31	13.41	0.057	11.9	47.7	0.22	0.17
90MW0033	869914.06	252109.92	D	P	6.18	12.60	12.53	0.057	37.2	148.5	0.05	0.00
90MW0040	869028.57	250985.23	F	P	6.09	8.62	12.39	0.061	7.8	344.0	0.09	0.00
90MW0042	870393.78	251162.47	D	P	5.46	11.30	12.79	0.055	3.4	342.7	0.09	0.00
90MW0050	868343.39	250979.84	D	P	6.19	**12.76**	12.08	0.050	2.7	259	0.06	0.00
90MW0053	869430.27	250840.78	F	P	6.01	8.01	12.22	0.066	3.7	180.0	0.15	0.05
90MW0055	869417.40	250870.30	G	P	6.22	1.52	11.50	0.072	**156.6**	-33.0	1.63	1.50
90MW0064A	870280.44	250673.90	B	B	5.90	11.56	14.82	0.048	0.3	184.8	0.01	0.00
90MW0064	870286.78	250668.10	G	B	6.56	10.17	13.65	0.051	46.0	136.3	0.95	0.22
90MW0066A	869438.32	250478.54	D	R	6.10	11.68	14.87	0.048	3.5	162.3	1.21	1.10
90MW0066	869443.82	250473.24	F	R	**6.91**	NR	11.75	0.092	42.3	**-65.1**	1.35	1.13
90MW0068	869837.38	250522.00	D	B	6.14	16.12*	12.97	0.050	5.2	254.9	0.10	0.00
90MW0070	867726.83	253039.00	F	P	5.86	10.80	13.77	0.07	1.90	163.50	0.02	0.00
90MW0080	867908.02	252360.00	E	P	5.95	8.75	11.79	0.06	0.60	171.70	0.02	0.00
90MW0081	869428.87	251267.00	B	P	**4.78**	11.35	13.63	0.05	-1.10	**402.30**	0.10	0.00
90MW0076	869021.19	250980.00	D	P	5.98	10.88	13.27	0.05	0.30	227.80	0.07	0.02
90MW0079A	869754.92	250937.00	C	B	5.87	12.28	12.94	0.05	0.20	226.60	0.00	0.00
90MW0079B	869758.59	250932.00	E	B	6.12	11.82	12.43	0.05	2.30	191.90	0.06	0.00
90MW0078	869195.63	250678.00	D	B	6.13	6.13	12.90	0.05	3.30	225.60	0.05	0.01
90MW0083	869448.81	250477.00	C	R	5.70	10.76	13.23	0.05	0.20	226.80	0.01	0.00
90MW0077	870269.06	250683.00	D	B	6.19	10.53	12.05	0.05	8.00	231.00	0.04	0.15
90MW0084B	869844.06	250534.00	B	B	5.76	11.18	14.37	0.05	0.10	230.40	0.01	0.00
90MW0084A	869838.46	250534.00	E	B	6.23	10.32	15.03	0.06	7.10	150.20	0.07	0.02
90MW0085B	868552.68	250328.00	B	R	6.00	5.97	13.27	0.08	3.70	184.90	0.07	0.00

TABLE 4-1
FS-12 PERFORMANCE MONITORING EVALUATION
SUMMARY OF BASELINE FIELD PARAMETER RESULTS

WELL ID	EASTING	NORTHING	WELL DEPTH CLASS (1)	CONTAMINANT MONITORING (2)	pH	DO (mg/L)	Temp (°C)	Spec. Cond. (mS/cm)	Turbidity (NTU)	ORP (mV)	Total Fe (mg/L)	Fe2+ (mg/L)
90MW0085A	868552.68	250328.00	D	R	5.20	9.52	13.12	0.06	0.70	260.70	0.02	0.00
				Averages	5.96	9.15	12.84	0.06	10.40	177.86	0.28	0.17

NOTES: **Bold** values denote highest and lowest values for each parameter. Negative turbidity is meaningless so the lowest reading is not bolded.
NR= No reading taken
* Reading obtained appears to be invalid because it is far above the saturation limit.

(1) WELL DEPTH CLASS
- A = Screen above 40 feet.
- B = Screen between 20 and 40 feet.
- C = Screen between 0 and 20 feet.
- D = Screen between -20 and 0 feet.
- E = Screen between -40 and -20 feet.
- F = Screen below -40 feet.

(2) CONTAMINANT MONITORING
- P = plume extent
- B = plume breakthrough (compliance)
- R = plume reinjection impact and southern toe monitoring

DO= dissolved oxygen
Fe= total iron
Fe2+= ferrous iron
mg/L = milligrams per liter
mS/cm = milli-Siemens per centimeter
mV = millivolts
ntu = nephelometric turbidy units
ORP= oxidation reduction potential
Spec. Cond.= specific conductivity
Temp= temperature

TABLE 4-2
SUMMARY OF FS-12 PME BASELINE ANALYTICAL RESULTS
FOR EDB AND BTEX

WELL ID	WELL DEPTH CLASS (1)	CONTAMINANT MONITORING (2)	EDB	BENZENE	TOLUENE	ETHYL BENZENE	XYLENE	COMMENTS/OTHER
90JB0001B	B	P	ND	ND	ND	ND	ND	See Appendix C for other VOCs
90JB0001C	D	P	ND	ND	ND	ND	ND	
90JB0001D	E	P	0.014	ND	ND	ND	ND	Suspected equipment contamination
90JB0004A	C	P	ND	ND	ND	ND	ND	
90JB0004C	B	P	ND	ND	ND	ND	ND	
90MP0060C	F	E	0.012	ND	ND	ND	ND	Sampled by the Ecological Monitoring Program
90MP0060D	D	E	**0.081**	ND	ND	ND	ND	Sampled by the Ecological Monitoring Program
90MP0060F	B	PE	ND	ND	ND	ND	ND	
90MW0003	C	PE	**18**	**910**	ND	ND	ND	
90MW0004	D	P	ND	ND	ND	ND	ND	
90MW0005	E	P	**110**	**640**	ND	ND	ND	
90MW0015	D	E	ND	1.85	ND	ND	1.66	Sampled by the Ecological Monitoring Program
90MW0025	D	P	**0.75**	ND	ND	ND	ND	
90MW0027	E	P	**13**	ND	ND	ND	ND	
90MW0028	E	P	ND	ND	ND	ND	ND	
90MW0033	D	P	ND	ND	ND	ND	ND	
90MW0040	F	P	**66**	ND	ND	ND	ND	1,2-DCA=3.3
90MW0042	D	P	**0.025**	ND	ND	ND	ND	
90MW0050	D	P	**0.073**	ND	ND	ND	ND	
90MW0053	F	P	**0.02**	ND	ND	ND	ND	
90MW0055	G	P	ND	ND	ND	ND	ND	
90MW0064A	B	B	ND	ND	ND	ND	ND	
90MW0064	G	B	ND	ND	ND	ND	ND	
90MW0066A	D	R	**0.18**	ND	ND	ND	ND	
90MW0066	F	R	0.0086	ND	ND	ND	ND	
90MW0068	D	B	ND	ND	ND	ND	ND	
90MW0070	F	P	ND	ND	ND	ND	ND	
90MW0080	E	P	ND	ND	ND	ND	ND	
90MW0081	B	P	ND	ND	ND	ND	ND	
90MW0076	D	P	ND	ND	ND	ND	ND	
90MW0079A	C	B	ND	ND	ND	ND	ND	
90MW0079B	E	B	**0.4**	ND	ND	ND	ND	
90MW0078	D	B	ND	ND	ND	ND	ND	
90MW0083	C	R	ND	ND	ND	ND	ND	

TABLE 4-2
SUMMARY OF FS-12 PME BASELINE ANALYTICAL RESULTS
FOR EDB AND BTEX

WELL ID	WELL DEPTH CLASS (1)	CONTAMINANT MONITORING (2)	EDB	BENZENE	TOLUENE	ETHYL BENZENE	XYLENE	COMMENTS/OTHER
90MW0077	D	B	ND	ND	ND	ND	ND	
90MW0084B	B	B	ND	ND	ND	ND	ND	
90MW0084A	E	B	ND	ND	ND	ND	ND	
90MW0085B	B	R	ND	ND	ND	ND	ND	
90MW0085A	D	R	ND	ND	ND	ND	ND	

NOTES:
This table is a summary of the entire data set which is attached as Appendix C.
All concentrations in ug/L which is approximately equivalent to parts per billion (ppb).
Bold values indicate maximum contaminant level (MCLs) were exceeded.
All samples collected as part of baseline Performance Monitoring Evaluation 9/5/97 to 9/17/97 unless noted.
ND = analyte not detected.
1,2-DCA = 1,2-dichloroethane

(1) WELL DEPTH CLASS
- A >40 ft-msl
- B >20 and <40 ft-msl
- C >0 and <20 ft-msl
- D >-20 and <0 ft-msl
- E >-40 and <-20 ft-msl
- F >-60 and <-40 ft-msl
- G <-60 ft-msl
- H < -80 ft-msl

(2) CONTAMINANT MONITORING
- B = plume breakthrough (compliance)
- P = plume extent
- R = plume reinjection impact and southern toe monitoring
- E = sampled as part of the Ecological Monitoring Program

APPENDIX A

PRECONSTRUCTION INVESTIGATION SUMMARY

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ACRONYMS AND ABBREVIATIONS

AFCEE	Air Force Center for Environmental Excellence
ASI	Advanced Sciences Inc.
bgs	below ground surface
CGN	Camp Good News
DEP	Massachusetts Department of Environmental Protection
EDB	ethylene dibromide
ESI	expanded site investigation
ETR	extraction, treatment and reinjection
EW	extraction well
ft/ft	feet per foot
ft/yr	feet per year
HAZWRAP	Hazardous Waste Remedial Actions Program
MCL	maximum contaminant level
msl	mean sea level
OpTech	Operational Technologies Corporation
PID	photoionization detector
ppb	parts per billion
RI	remedial investigation
RW	reinjection well
SHSA	screened hollow-stem auger
VOC	volatile organic compounds
USCS	unified soil classification system
µg/L	microgram per liter

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1.0 INTRODUCTION

This preconstruction investigation was conducted by Jacobs Engineering Group from October 1996 to January 1997 in preparation for the construction of the extraction, treatment, and reinjection (ETR) system for the FS-12 plume (Figure 1-1). The investigation consisted primarily of soil sampling to determine site lithology, groundwater sampling and analysis to determine contaminant locations and concentrations, and determination of groundwater flow patterns.

The findings of the preconstruction investigation were used to create a three-dimensional computer model of the aquifer and the FS-12 plume. The model was then used to refine the design of the FS-12 ETR system. The initial design was based largely on information provided in the *Plume Containment Design Data Gap Field Work Technical Memorandum* (OpTech 1996).

Jacobs was contracted by the Air Force Center for Environmental Excellence (AFCEE) to design and construct the ETR system and proceed with the design in the spring and summer of 1996. Jacobs identified a need for further assessment of the plume and the subsurface characteristics prior to constructing the ETR system. The proposed scope of a preconstruction investigation was included in the Project Execution Plan (AFCEE 1996a) and Draft Design Report (AFCEE 1996b). Sampling locations were selected to better define the stratigraphy and to confirm and define the plume concentrations and location. These sampling locations were identified during meetings conducted during the design period with the stakeholders, including the Senior Management Board, the Technical Review and Evaluation Team and the Joint Process Action Team. Based on the initial findings of the investigation, additional sampling locations were added to obtain an adequate understanding of the area.

2.0 PREVIOUS INVESTIGATIONS

In 1990, Advanced Sciences Inc. (ASI), under the direction of the Hazardous Waste Remedial Actions Program (HAZWRAP), performed an expanded site investigation (ESI) which included geophysical surveys (magnetometer and electromagnetics) at selected areas, soil gas survey, soil sampling, and the installation of 34 monitoring wells. The ESI showed that a plume of ethylene dibromide (EDB) and benzene approximately 2600 feet long existed, with the axis of the plume running from the north-northwest to the south-southeast. The EDB plume extended as far as well 90MW0024 approximately 400 feet north of the Camp Good News (CGN) access road; and the benzene plume extended past well 90MW0018 approximately 700 feet north of the CGN access road. The depth of the investigation was limited by the drilling equipment to approximately 185 feet below ground surface (bgs), and at certain locations contamination was found at this depth; therefore, it was concluded that any further exploratory efforts needed to be capable of drilling to a depth greater than 185 feet to fully evaluate the extent of contamination. With this limitation, it is possible that the leading edge of the plume was further south at this time since monitoring wells along the CGN access road were screened higher than those at the toe of the plume. Based on the results of the ESI, a remedial investigation (RI) was needed and an RI work plan was developed (ASI 1992). It was also decided to begin a time-critical removal action at the jet fuel source area to remediate soil contamination and separate phase hydrocarbons floating on the groundwater. In October of 1995, an air sparging and soil vapor extraction system was installed at the source area. It continued to operate until the spring of 1998.

In 1992, HydroGeoLogic Inc., under the direction of HAZWRAP, evaluated groundwater modeling simulations based on the ESI results. HydroGeoLogic's report summarized local aquifer characteristics and evaluated contaminant transport. As a recommendation of that report, a pumping test was conducted in the fall of 1993 to support additional groundwater modeling studies and the design of groundwater

remediation systems for the dissolved portion of the FS-12 plume (HydroGeoLogic 1994).

ASI, under the direction of HAZWRAP, implemented the RI work plan in 1993. The RI consisted of installing an additional 35 monitoring wells; screened auger sampling during hollow stem auger drilling at most of the monitoring well locations; split spoon sampling for stratigraphic correlation; sampling at both ESI and RI monitoring wells; isotope dating and tracer tests to estimate groundwater age, flow patterns and groundwater velocity; and seasonal measurements of water levels to depict direction of groundwater flow and vertical gradients.

The RI report (ASI 1995) concluded that the FS-12 EDB plume extended further south than estimated by the ESI, with detections in wells south of the Camp Good News access road. The leading edge of the plume was shown to be located approximately 700 feet further south than depicted by the 1990 ESI. Maximum concentrations of EDB and benzene were 597 ppb and 1600 ppb, both at well 90MW0016.

In 1995, OpTech supplemented data collected during the RI by installing seven additional wells with screened hollow-stem auger (SHSA) sampling and contaminant screening at two locations. These wells were located downgradient of the interpreted toe of the plume near the northeast side of Snake Pond (Figure 2-1). OpTech sampled a selected set of existing monitoring wells to further define the plume and performed model simulations with particle tracking to support plume characterization efforts and preliminary design efforts.

OpTech summarized these results in a data-gap report, showing that the toe of the plume was 400 feet further south compared to the 1993 RI, with concentrations at well 900MW0040 (which defined the toe in 1993) increasing from 0.89 to 39 ppb (OpTech 1996). The plume identified by OpTech also showed a western lobe with low detections of EDB north of Snake Pond.

3.0 SCOPE OF FS-12 PRECONSTRUCTION INVESTIGATION

The FS-12 preconstruction investigation, conducted by Jacobs in the fall of 1996 and winter of 1997 during the early phases of construction of the ETR system, consisted of the following:

- Construction of nine soil borings by the sonic method for continuous lithologic characterization of soils in the area of the ETR system.
- Measurement of water levels in 42 monitoring wells for definition of the piezometric surface (Table 3-1).
- Groundwater sampling of 25 SHSA borings for plume characterization. All samples were analyzed for EDB and volatile organic compounds (VOCs).
- Construction and sampling of 16 monitoring wells at 14 locations for plume characterization. All samples were analyzed for EDB and VOCs.
- Sampling of 38 existing monitoring wells for plume characterization. All samples were analyzed for EDB and VOCs.

The original plan for the 1996 preconstruction investigation called for approximately five new monitoring well locations (with SHSA sampling during construction of each boring), along with SHSA sampling conducted at several of the extraction and reinjection well locations (AFCEE 1996a). As these wells were drilled and sampled, issues related to the southern and western extent of the EDB plume were identified. Further sampling locations were identified in these areas to resolve these issues. These efforts are described below:

- Detections of contaminants at wells 90EW007, 90RIW0021, and 90RIW0027 indicated that the toe of the EDB plume was farther south and east than anticipated. To define the toe of this plume, several new screened auger and monitoring wells were added, including wells 90MW0064, 90MW0065, 90MW0067, and 90MW0068 (Figure 2-1). In addition, five existing monitoring wells installed by the Massachusetts Department of Environmental Protection (DEP) to monitor the J. Braden Thompson Road site (a separate hazardous waste site on private property immediately to the south of Camp Good News) were sampled. Based on samples from these additional locations, the toe of the FS-12 plume was estimated to be approximately 200 feet downgradient of the proposed reinjection well fence but still upgradient of J. Braden Thompson Road.

- EDB detected during screened auger sampling at extraction well EW-2 above the maximum contaminant level (MCL), as well as previous EDB detections in the western portion of the plume at wells 90MW0004 and 90MW0035, raised an issue as to the western extent of the EDB plume. Additional screened auger sampling was completed at several locations (90MW0069, 90MW0070, 90MW0071, 90BH0073, 90BH0074 and 90BH0075) to define the plume's western extent (Figure 2-1) in addition to the samples already collected from several monitoring wells in the area. Results of sampling from these locations showed that the plume was narrower than originally thought, with the western edge of the 0.02 ppb EDB contour east of 90BH0075 and 90MW0071.

4.0 INVESTIGATION OF SOIL LITHOLOGY

4.1 SOIL BORINGS

Soil borings were completed along the proposed alignments of the extraction and reinjection fences to provide data essential to the installation of the extraction and reinjection wells. These borings are referred to as pilot borings. Samples were logged as they were collected, and selected samples were sieved to confirm grain size content and distribution. The grain size was then used to determine filter pack grain size and well screen slot thickness appropriate for the soil.

The FS-12 preconstruction investigation included a total of nine lithologic borings along the extraction and reinjection fences using the sonic drilling method. The locations of these borings were EW-2, EW-14, EW-19, EW-21, EW-27, RW-6, RW-10, RW-14 and RW-27. The sonic drill rig collects a relatively undisturbed sample continuously throughout the boring depth by penetrating a core barrel through the soil, advanced primarily by very high speed vibration. When the sample core is extracted, it can be examined in its natural condition. This assists the field geologist in understanding subtle changes in soil texture, color and other features. Selected discrete samples are then collected for sieve analysis. Readings of VOCs can be collected from precise depths during drilling using a photoionization detector (PID).

4.2 SOIL STRATIGRAPHY

The borings during this investigation generally were drilled to a greater depth than those of earlier investigations. The results at depths comparable to earlier investigations typically showed similar stratigraphy (Table 4-1). Based on the findings of the pilot boring program, the following stratigraphy was found:

- A two to five foot thick weathered soil/residuum zone that is the upper extent of the sand and gravel outwash deposit of the Cape Cod aquifer.
- The substrata is unconsolidated and typically consists of light brown or yellowish-orange brown sand with minor amounts of gravel, and little to no fines (silt and clay). The sand is dominantly weathered quartz with some feldspar. The grains are typically well sorted, dominantly medium grained, and sub-angular to sub-rounded. The gravel component typically ranges between 0 to 25 percent of the lithology. It is typically poorly sorted, with clasts ranging in size from fine gravel to cobbles or boulders. Discontinuous zones containing gravel may occur throughout the outwash deposits. The sands and gravels are generally unlithified or lack cementation between sediment grains. Based on this characteristic, and the apparent high degree of sorting, relatively high primary porosities and permeabilities are assumed. The overall unified soil classification system (USCS) designation for the deposits is "SP", poorly-graded sand or gravelly sand with little or no fines. The deposits are typical of high energy fluvial environments, distinctive of pro-glacial outwash plains. The primary source bedrock for the outwash sediment appears to be granite (ASI 1995).
- Locally, below the uppermost 130 ft of sand and gravel deposits, intervals of fine-grained sediments were noted, particularly at depths ranging between approximately 130 to 215 ft bgs. Several borings from previous investigations penetrated approximately 20 to 25 ft of dense deposits of fine sand and silt. In borings where soil samples were not collected, determination of the intervals ("tight" zones) was based on notable resistance to the auger drill. These sediments typically consist of gray to brownish-gray silty to sandy clay, clayey silt and sand, or silty sand. The USCS designations range from: (1) SC, clayey sand; (2) SM, silty sand; (3) ML, clayey silt or fine sand, with slight plasticity; and (4) CL, silty or sandy clay of low to medium plasticity. The deposits are indicative of restricted, low-energy, depositional environments associated with fluvial post-glacial outwash plains. The restricted energy environments may include glaciolacustrine (ASI 1995).

The following items are also worth noting:

- Siltier units (silty sand) from 4 to 20 ft thick were often encountered at elevations between -40 to -80 ft mean sea level (msl). However, sand units were often found beneath these silt units.
- Reinjection well RW-27, in the southeast corner of the study area, had a greater than typical (80 foot) thickness of silty sand. A sand unit was not found beneath this silty sand at this location (the bottom of RW-27 is at -106 ft-msl).
- A single boring, PB-1, advanced in the northern part of the study area, encountered bedrock at -141 ft-msl. Three silty sand units (30, 17 and 23 feet thick) with interspersed sand units were found. The highest silty sand unit was found from 16 to -14 ft msl, at a higher elevation than units found more to the south.

5.0 GROUNDWATER MOVEMENT AND CONTAMINANTS

5.1 GROUNDWATER FLOW

Groundwater in the study area is unconfined, with depths to groundwater ranging from 5 feet near Snake Pond to 85 feet further to the north. The water table is exposed at the surface in Snake Pond, delineating the southwestern boundary of the FS-12 area. The groundwater generally flows south to southeast, with the general direction of groundwater flow probably shifting slightly with seasonal fluctuations in aquifer recharge. The horizontal flow gradient generally ranges from 0.00025 to 0.0006 feet per foot (ft/ft). During the late summer or early fall, groundwater enters Snake Pond from the northwest, north, and northeastern sides. During the spring, groundwater inflow to the pond appears to be predominantly from the northwest and north (ASI 1995).

Vertical gradients have been previously calculated from seven sets of cluster wells at the site. Well clusters located between 100 and 800 feet (predominantly northeast) from Snake Pond all showed slight upward vertical gradients ranging from 0.0002 to 0.006 ft/ft (ASI 1995). Well clusters located between 1,050 and 1,520 feet

(predominantly northeast) from Snake Pond all showed slight downward gradients ranging from 0.001 to 0.002 ft/ft (ASI 1995).

As part of the RI in 1993, a groundwater dating study was conducted to directly measure groundwater travel times in the FS-12 study area. The groundwater dating technique measured ratios to delineate groundwater ages and flows. For advective transport, the ratio of tritium to helium should be proportional to the groundwater travel time. Based on the results of this study, the average horizontal flow velocity is between 280 and 500 feet per year (ft/yr) with groundwater velocity increasing from north to south. Flow rates were estimated in the vicinity of Greenway Road at 100 ft/yr and at ITW-3 (400 feet north of the Camp Good News access road) at 330 ft/yr.

Groundwater elevations were measured in 42 wells on 25 November 1996 to define the piezometric surface in the FS-12 area. Wells were selected to measure the piezometric surface in the deeper portions of the aquifer with center of screens typically at elevations between 0 and -50 ft msl. In some instances, wells were measured with screens outside this range to obtain coverage in certain areas. Table 5-1 tabulates the results of these measurements and Figure 5-1 shows estimated contours of piezometric head.

Overall, the piezometric surface was very flat, with only 1.8 feet difference over approximately 5200 feet between well 90MW0029B and 90JB0004. This difference defines an average horizontal flow gradient of 0.0003 ft/ft. Water levels were typically higher by 1 to 3 feet than data reported earlier (ASI 1995), reflecting the heavy rainfall in the fall of 1996. In general, the groundwater surface sloped from the north to slightly east of due south. Contours curled around Snake Pond, suggesting some funneling of flow toward the pond. Based on earlier data, this may be a seasonal effect caused by the rainy fall of 1996.

5.2 CONTAMINANT TRANSPORT

Figure 5-2 depicts the FS-12 EDB plume isoconcentration contours in plan view with lines of cross-section. The cross-sectional views are in Figures 5-3, 5-4, 5-5 and 5-6. Table 5-2 summarizes the 1996 laboratory results on which the isoconcentration contours are based.

Figure 5-2 shows an EDB plume (defined by the 0.02 ppb contour) that is 4700 feet long and runs from the north-northwest to the south-southeast. The plume width increases from approximately 1250 feet wide in the north to approximately 1800 feet to the south. This plume widening is presumably caused by lateral dispersion processes, including seasonal variations in groundwater flow direction, which are greater at FS-12 than at other plume sites at MMR because of the proximity to the flow divide. The EDB plume depicted by the FS-12 preconstruction investigation (Figure 2-1) is narrower to the north, and the toe extends more toward the southeast than the plume depicted in the data-gap report (OpTech 1996).

Most of the FS-12 EDB plume is migrating through glacial outwash sands and gravels. As the FS-12 plume migrates, the top of the plume descends from the water table (approximately 68 feet msl) to approximately 128 feet below the water table (-60 feet msl) over a distance of about 4700 feet. Plume contaminants have been detected in the upper 10 to 20 feet of the glacial lacustrine sediment (silty sand) underlying the outwash sands and gravels. The maximum projected width of the entire plume front across the direction of groundwater flow is approximately 1,600 feet, and the maximum thickness of the plume is approximately 130 feet. The "nose" of the EDB plume at the leading edge at well 90MW0066 exceeds the maximum contaminant level (MCL) at only a single sampled elevation (-5 to -15 ft msl) showing a depth-specific stringer ahead of the main plume (Figure 5-3). At the proposed extraction fence upgradient of the leading edge, the plume shows two horizons at 10 to -20 ft-msl and -40 to -60 ft-msl.

Benzene was detected above its MCL of 5 ppb in the preconstruction investigation at several locations, including monitoring wells 90MW0034 (15 ppb), 90MW0003 (1500 ppb), 90MW0020 (1300 ppb), and the SHSA borings located at EW-14 (2700 ppb), 90MW0059 (1400 ppb) and EW-19 (22 ppb). Depths of auger samples with benzene detections above the MCL are also comparable to those at the center of the EDB plume. No other well or SHSA samples collected during the preconstruction investigation detected benzene above the MCL of 5 ppb. Based on this information, the benzene plume is distinctly within the center of the EDB plume. For this reason separate benzene plume depictions were not developed.

Naphthalene was detected at 90MW0034 at 110 micrograms per liter (µg/L) and at 90MW0003 at 92 µg/L. There is no MCL for this compound. Well 90MW0003 is in the center of the EDB and benzene, and 90MW0034 is within the EDB and benzene, somewhat north of the center; thus separate naphthalene plume depictions were not defined. Trichloroethene, tetrachloroethene and other compounds were detected sporadically at very low concentrations below their respective MCLs. Concentrations of 13 µg/L and 39 µg/L of 1,2-dichloroethane were detected during SHSA sampling at 90EW0014. Since this compound was only detected at this location, it is doubtful that these detections are representative of actual conditions. Subsequent sampling, on March 7, 1997, of the extraction well that was installed in this location did not detect 1,2-dichloroethane or any chlorinated solvents.

A data summary report is included as Attachment 1. Validated laboratory results (detections only) are included as Attachment 2.

6.0 PLUME DELINEATION CRITERIA

Composite isoconcentration shells of the EDB and benzene concentrations have been developed based primarily on data collected during the preconstruction investigation with some use of data from OpTech (OpTech 1996).

Construction of the plan view and cross-sections used the following criteria and assumptions:

- A plume is defined as a portion of the groundwater table in which a contaminant has been detected at concentrations that exceed the MCL for that chemical. When there is more than one constituent that exceeds MCLs, the plume footprint represents the union of these exceedances. Inner lines of greater isoconcentrations are selected based on the primary constituents in the plume.
- Contour intervals are based on the MCL and range of concentrations for a particular constituent. The outer contour represents the extent of the MCL exceedance. Typically, some type of log interval is appropriate (for example, 1,10 100) for defining inner contours.
- Plan and cross-sectional plume maps have been constructed to define a reasonably conservative depiction of the plume isoconcentrations. Plume concentrations between data points are either based on linear extrapolations between data points or mirror other plume concentration gradients.
- By intention, the 1996 preconstruction investigation data were focused on the area near the extraction system and the toe of the plume. Data existing from the previous investigations were used more heavily closer to the source area or center of the plume (where there were fewer 1996 sampling locations). The validation status of the 1993 and 1995 data from HAZWRAP and OpTech is unclear. Furthermore, plume movement since these data were collected may affect their ability to depict the present plume. Therefore, these data were not relied on to make design decisions. Where 1996 preconstruction data showed a different plume configuration, the 1996 data were used over the 1993 or 1995 data. Data from the 1990-1991 ESI by ASI were not used for constructing these plans or cross-sections due to the fact that the data are approximately six years old. Cross-sections show the 1996 data in bold text and earlier data in a lighter font.
- Screened hollow-stem auger data have been used to further refine plume boundaries, especially in the vertical direction. If available, monitoring well sample results at the same location from which a shallow hollow-stem auger sample was collected take precedence over the SHSA because it is a more reliable sample.
- The plan view depiction of the plume represents the highest concentration detected at a particular location regardless of depth. Cross-sections represent concentrations along the line of the section only.

7.0 MODELING

The plume location, elevation and aquifer characteristics, as determined by the preconstruction investigation, have been assimilated into a computer model of the FS-12 plume (AFCEE 1998). The model is used to predict groundwater movement under natural conditions and its response when stressed by extraction and injection. Several different ETR well configurations were simulated to determine effectiveness of capture. The most effective configuration was Run 75. This configuration consists of 25 extraction and 23 reinjection wells in the locations indicated in Figure 7-1. The total flow rate from the 25 extraction wells simulated by Run 75 is 762 gpm. This system was constructed and has been in operation since September 1997.

8.0 SUMMARY

The purpose of the preconstruction investigation was to determine soil, groundwater and aquifer characteristics for input into a computer model, and to formulate the design of the ETR system. This included delineation of the extent of contamination, determination of soil lithology in the area of the extraction and reinjection wells, and aquifer characteristics. Based on the information obtained, several determinations were made regarding the design of the wells:

- Well screen slot sizes and filter pack material were sized according to the grain size analyses performed.
- Based on the lack of any contamination in the former western lobe and the groundwater model simulations, extraction wells EW-1, 2, 3 and 4 and reinjection wells RW-1, 2, 3, and 4 were deleted from the design.
- The maximum EDB concentration detected during this investigation was 890 µg/L, detected during screened hollow-stem auger sampling at EW-14.
- Modeling simulations of groundwater movement indicate that an extraction fence of 25 wells, extracting a total of 762 gpm with 23 reinjection wells, as simulated by Run 75, meets the capture goals as specified in the draft design report (AFCEE 1996b).

9.0 REFERENCES

AFCEE. (Air Force Center for Environmental Excellence) 1996a. *Draft FS-12 Plume Containment System Project Execution Plan.* Prepared by Jacobs Engineering Group Inc. for AFCEE/MMR Installation Restoration Program, Otis ANG, MA.

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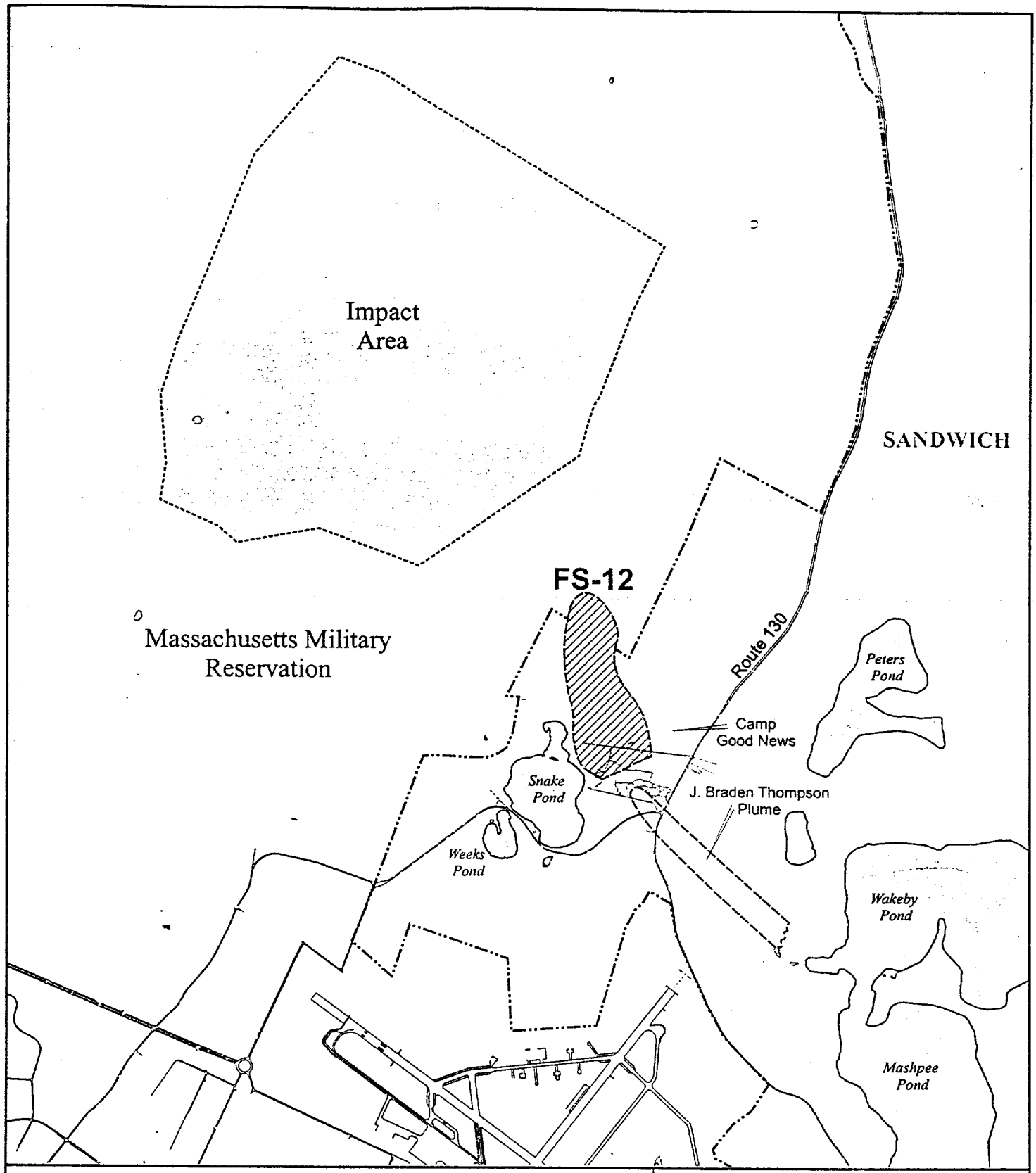


Legend

Plume Contour

MMR Boundary

N

0 2000

Scale in Feet

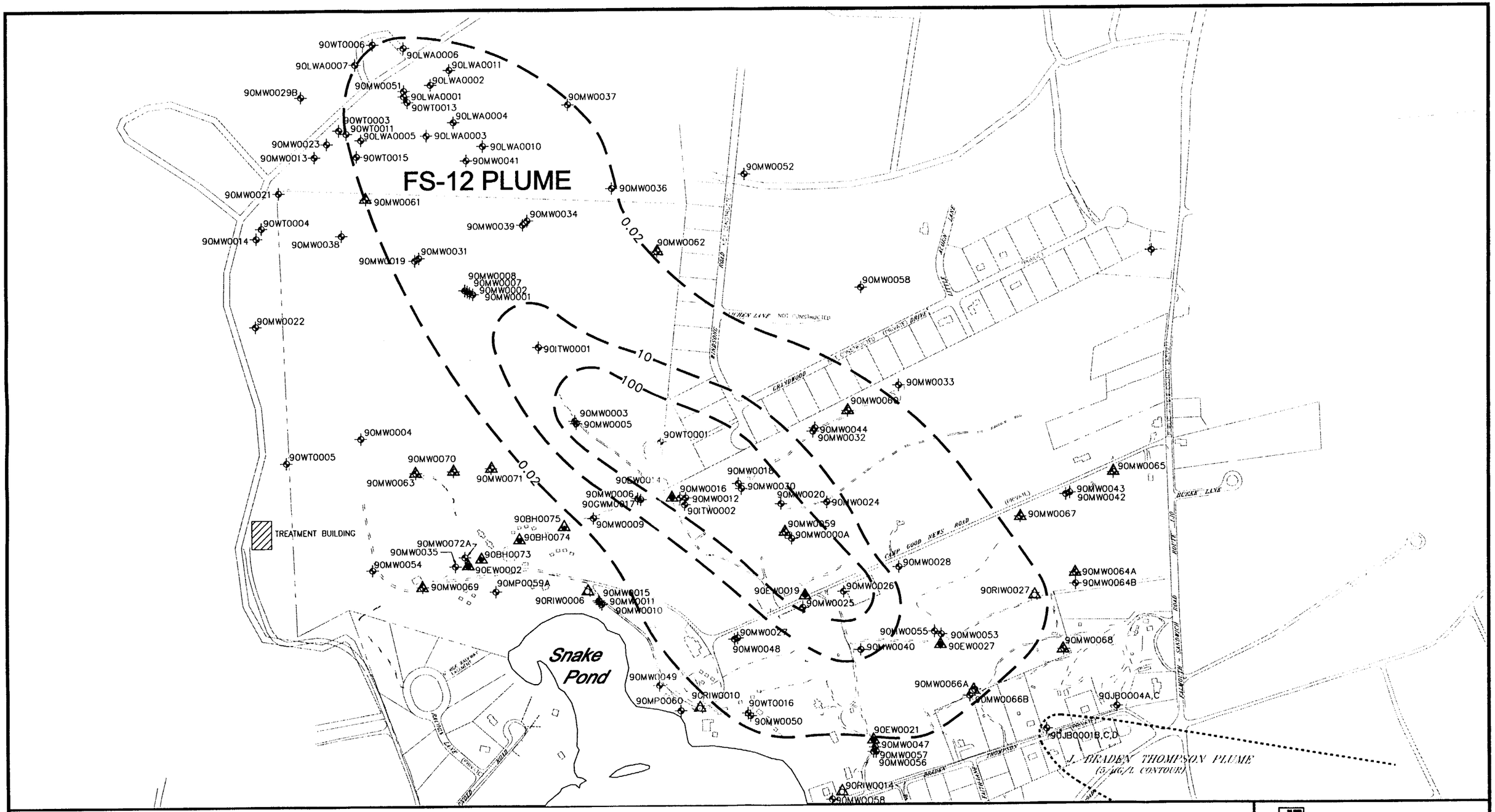
JE JACOBS ENGINEERING

FS-12
Plume Location

Massachusetts Military Reservation
Cape Cod, Massachusetts

5/14/99 sr File:..PlumfigB.cdr

Figure 1-1



Legend

90EW0027 / 90RIW0027 — Screened Hollow-Stem Auger Sampling Location Extraction or Reinjection Well Site.

Screened hollow-stem auger sampling location only. No well set.

90MW0048 — Monitoring Well Installed Prior to Fall 1996. Not Used By Data-Gap Program.

90MW0059 — Screened Hollow-Stem Auger Sampling Location Completed as a Monitoring Well.

90MW0033 — Monitoring well installed prior to fall 1996. Sampled by data-gap program.

10 — FS-12 EDB Plume (Concentrations in µg/L)

J. Braden Thompson Plume (5 µg/L Contour)

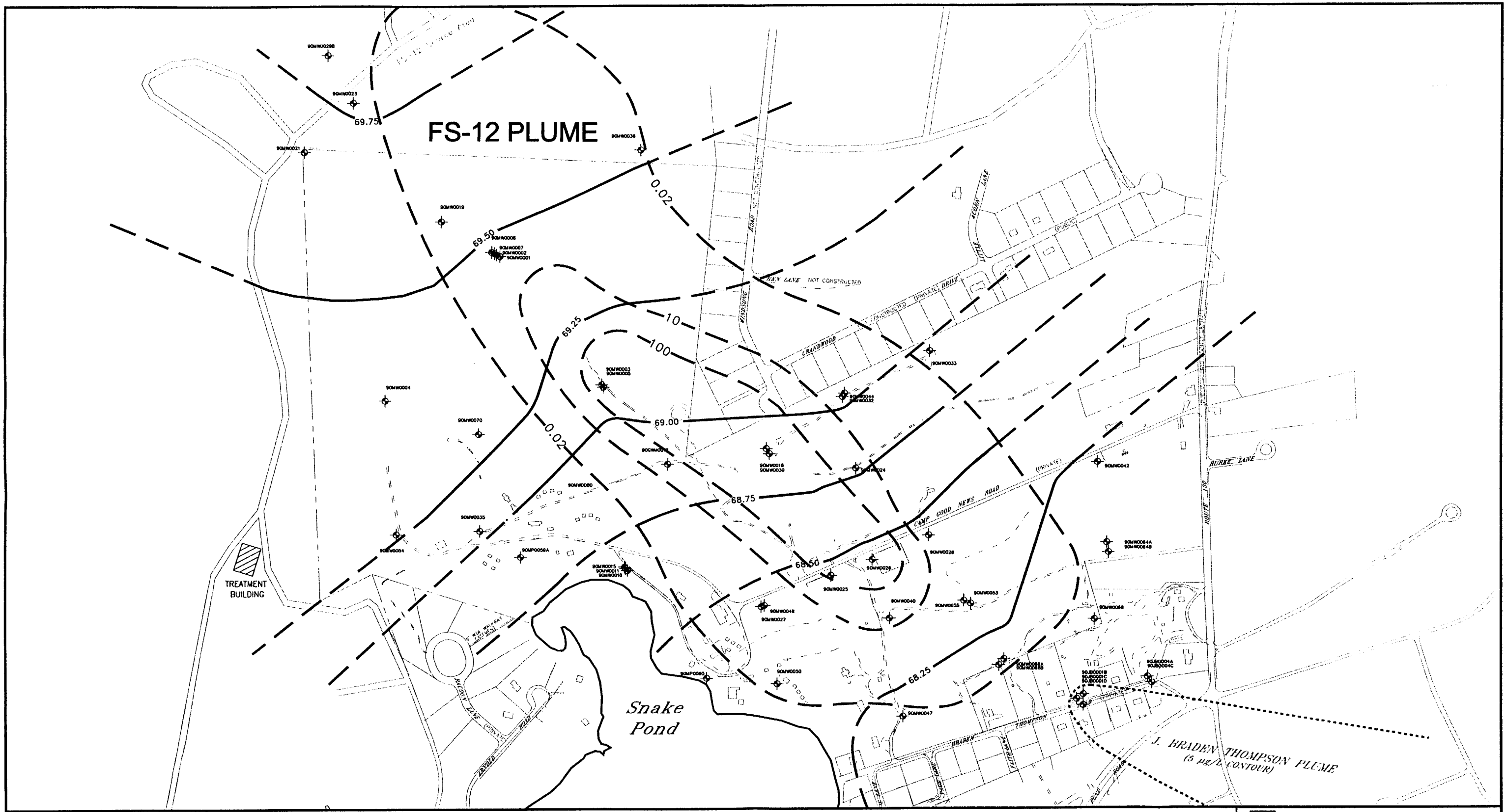
JACOBS ENGINEERING

Groundwater Data Point Locations with Estimated EDB Isoconcentrations

Massachusetts Military Reservation
Cape Cod, Massachusetts

5/14/99 sr File:..F12-98a.dwg

Figure 2-1



GENERAL NOTES

1. THE HORIZONTAL AND VERTICAL CONTROL WAS PROVIDED BY OPTECH. THE HORIZONTAL CONTROL IS BASED ON THE COMMONWEALTH OF MASSACHUSETTS COORDINATE SYSTEM (NAD 27) AND THE VERTICAL CONTROL IS BASED ON THE MEAN SEA LEVEL DATUM OF 1929.
2. THE HORIZONTAL AND VERTICAL LOCATION OF ALL MONITORING WELLS IS TO THE TOP AND CENTER OF THE WELL COVER.
3. THE PROPERTY LINES SHOWN ON THIS PLAN ARE THE RESULT OF A FIELD SURVEY AND THE COMPILATION OF RECORD PLANS AND DEEDS.

LEGEND:

- 90MW0030 — MONITORING WELL
- 10 — FS-12 EDB PLUME (CONCENTRATIONS IN µg/L)
- J. BRADEN THOMPSON PLUME (5 µg/L CONTOUR)

Notes:

1. Groundwater level measurements made on November 25, 1996.
2. Plume delineation based on Jacobs preconstruction investigation and OPTECH's data-gap investigation.

0 250 500 1000

Scale in Feet

JE JACOBS ENGINEERING

Groundwater Piezometric Contours at FS-12 Plume

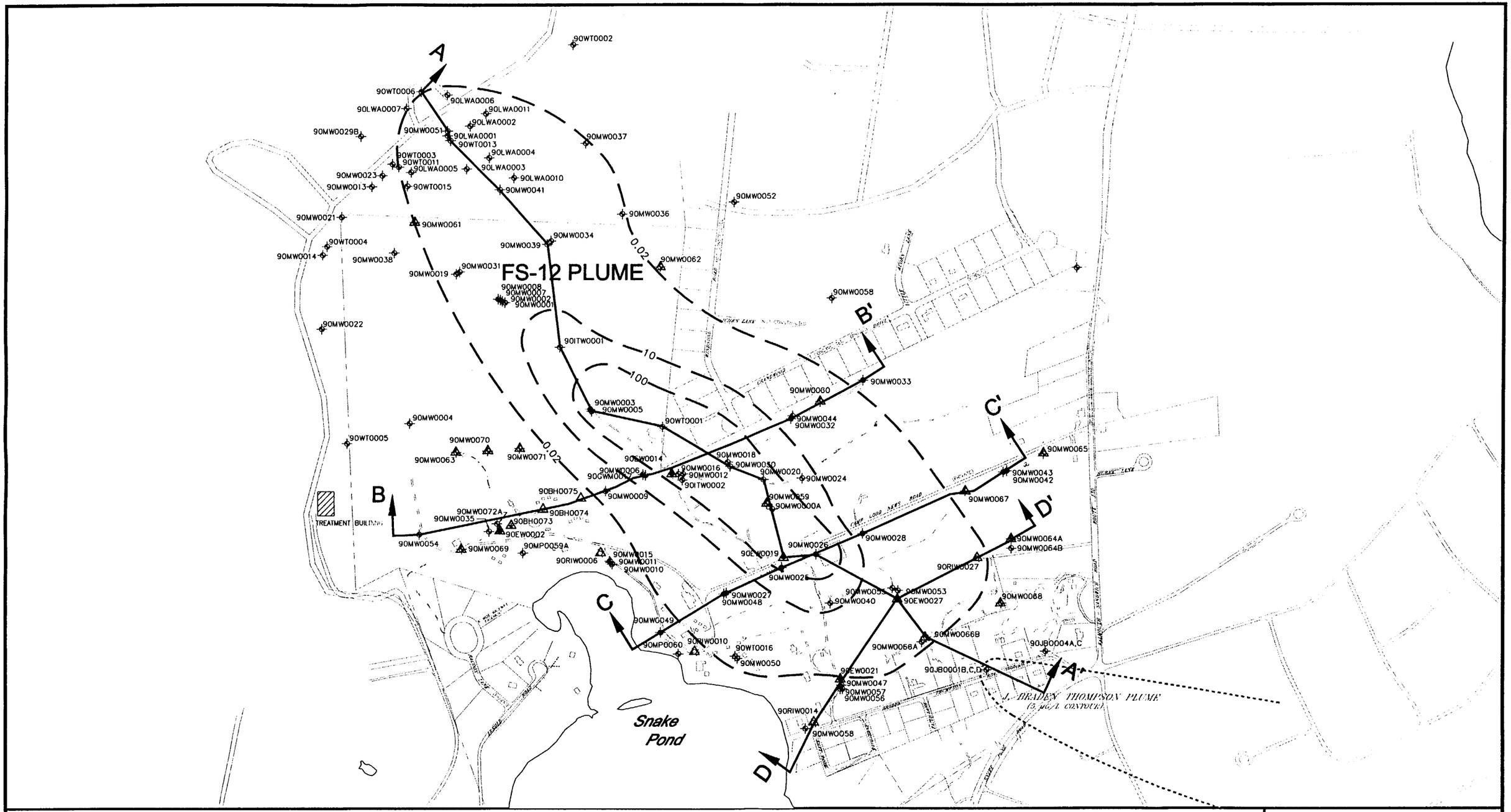
November 25, 1996

Massachusetts Military Reservation

Cape Cod, Massachusetts

5/14/99 ar...97FIG1-3.DWG

Figure 5-1



Legend

90EW0027 — Screened hollow-stem auger sampling location at extraction or reinjection well site.

90RIW0027 — Screened hollow-stem auger sampling location at extraction or reinjection well site.

Screened hollow stem auger sampling location only. No well set.

90MW0033 — Monitoring well installed prior to fall 1996. Not sampled for the preconstruction investigation.

90MW0059 — Screened hollow-stem auger sampling location completed as a monitoring well.

90MW0033 — Monitoring well installed prior to fall 1996. Sampled for the preconstruction investigation.

10 — FS-12 EDB Plume (Concentrations in µg/L)

J. Braden Thompson Plume (5 µg/L Contour)

0 600

Scale in Feet

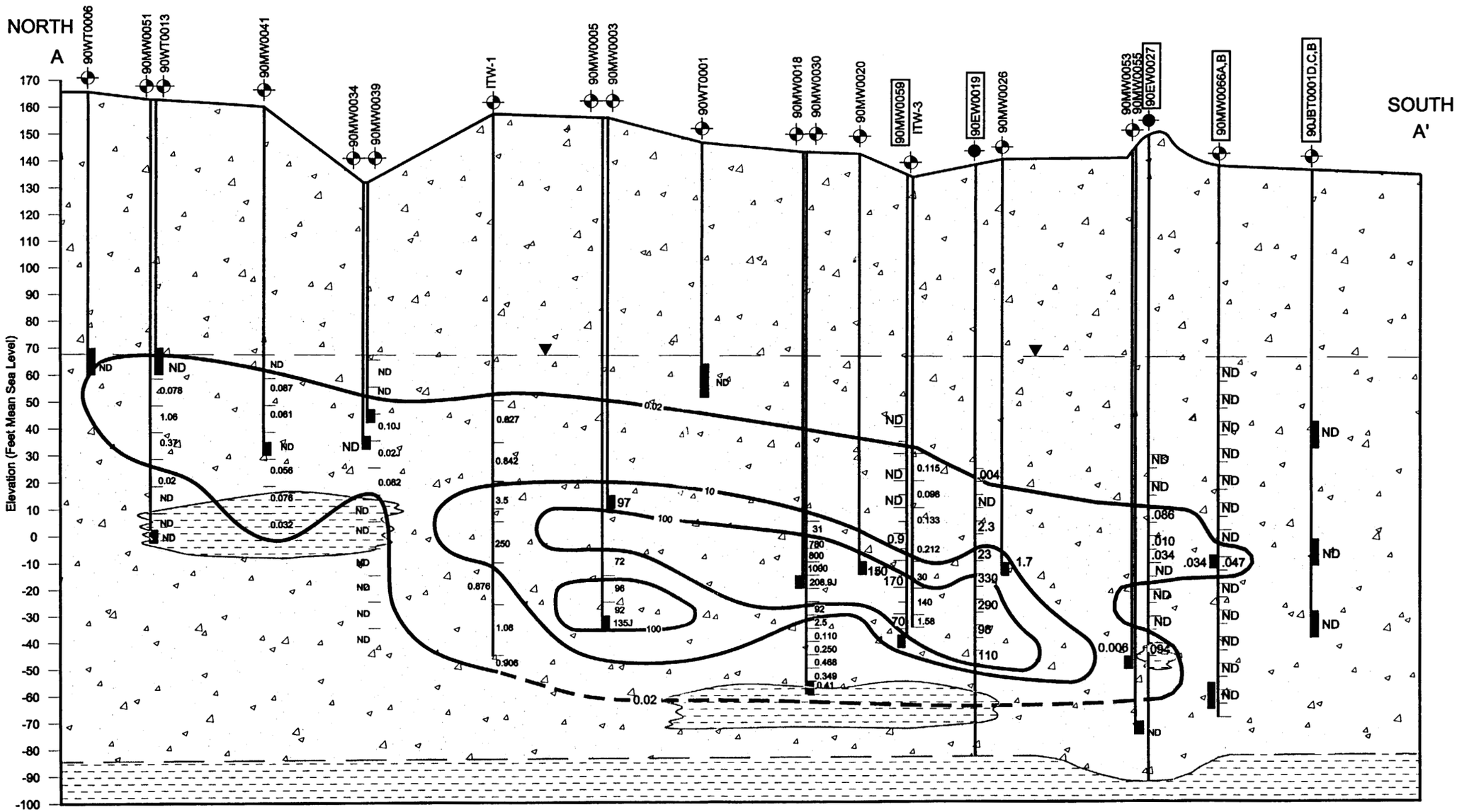
JACOBS ENGINEERING

Lines of Lithologic Cross-Section at FS-12 Plume

Massachusetts Military Reservation
Cape Cod, Massachusetts

5/14/99 sr File:..F12-98b.dwg

Figure 5-2



Legend

- Water Table
- Monitoring Well
- Extraction Well
- ND — Not Detected
- J — Estimated Value
- Well Screen
- ND / ND — Screened Hollow-Stem Auger Sample Intervals and Results
- 0.02 — Monitoring Well Sample
- 0.02 — EDB isoconcentration Contour Concentrations in µg/L
- 0.02 — Inferred Isoconcentration Contour Concentrations in µg/L
- 90EW0014 — Preconstruction investigation monitoring well or screened hollow-stem auger sampled by Jacobs in 1996-97. Results of analyses are in bold. All other locations were sampled by either OPTECH or ASI from 1995 to 1996.
- Medium to Coarse Sand
- Silty Sand

NOTE:
All Concentrations in µg/L

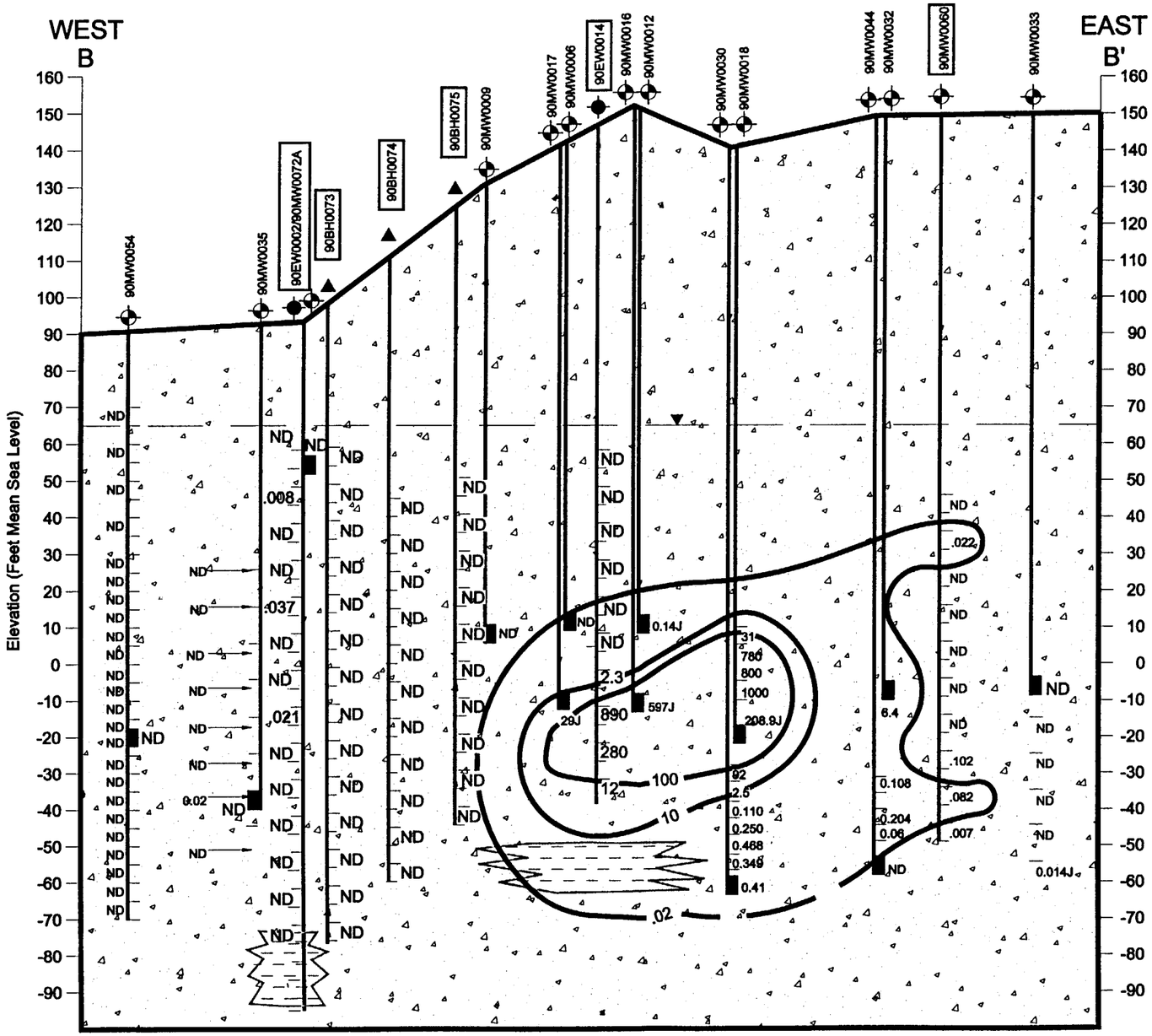
0 500
Scale in Feet

JACOBS ENGINEERING

PRECONSTRUCTION INVESTIGATION
EDB ISOCONCENTRATION
CROSS-SECTION A-A'
AT FUEL SPILL-12 PLUME
Massachusetts Military Reservation
Cape Cod, Massachusetts

5/17/99 sr File...PCF12xa.dwg

Figure 5-3



Legend

- Water Table
- Monitoring Well
- Extraction Well
- Bore Hole
- ND — Not Detected
- J — Estimated Value
- Well Screen
- ND / ND — Screened Hollow-Stem Auger Sample Intervals and Results
- 0.02 — Monitoring Well Sample
- 0.02 — EDB Isoconcentration Contour Concentrations in µg/L
- 0.02 — Inferred Isoconcentration Contour Concentrations in µg/L
- Medium to Coarse Sand
- Silty Sand

90EW0014 — Preconstruction investigation monitoring well or screened hollow-stem auger sampled by Jacobs in 1996-97.
Results of analyses are in bold.
All other locations were sampled by either OPTECH or ASI from 1995 to 1996.

NOTE:
All Concentrations in µg/L.

0 — 500
Scale in Feet

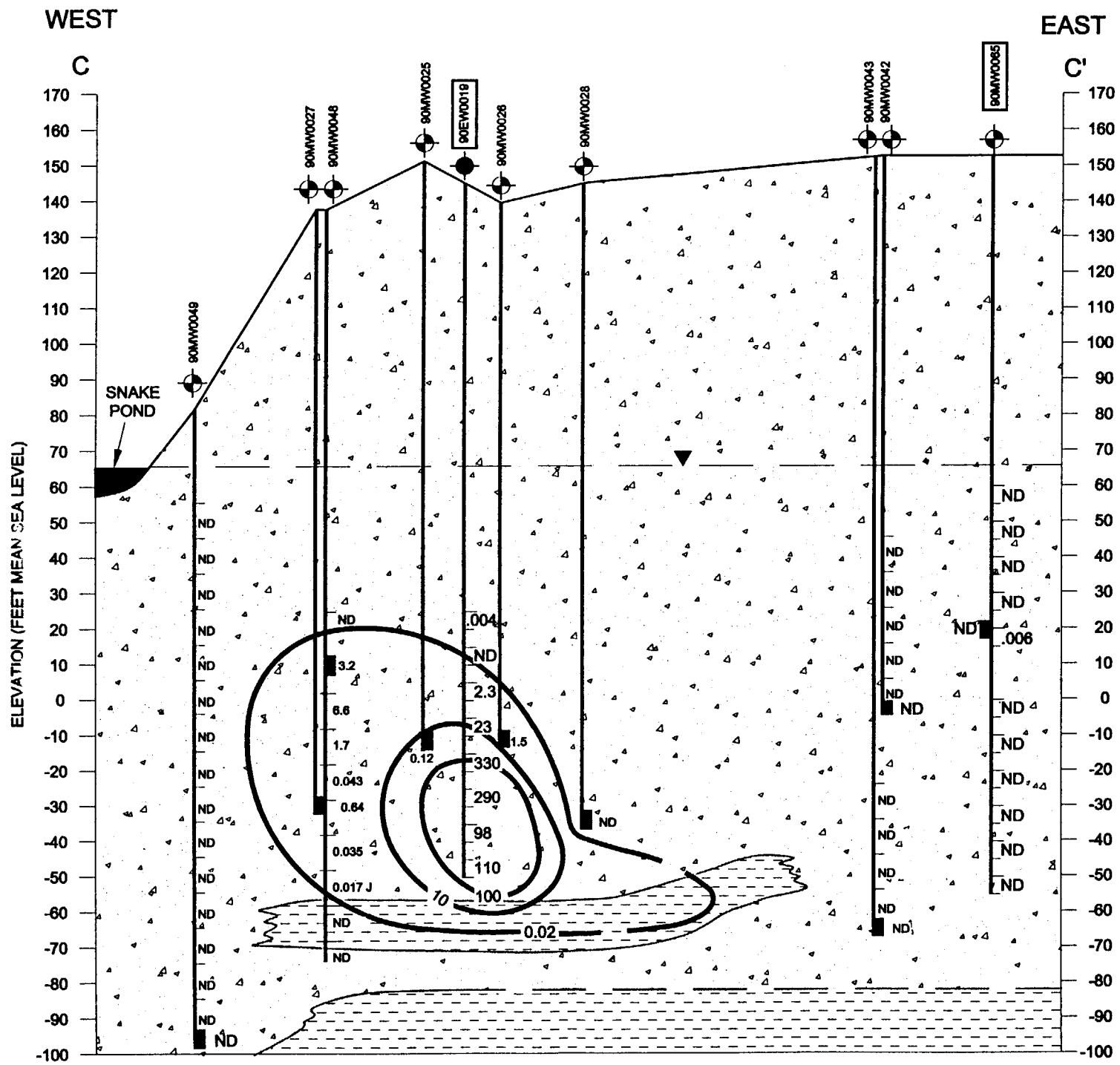
JACOBS ENGINEERING

PRECONSTRUCTION INVESTIGATION EDB ISOCONCENTRATION CROSS-SECTION B-B' AT FUEL SPILL-12 PLUME

Massachusetts Military Reservation
Cape Cod, Massachusetts

5/17/99 sr File...PCF12xb.dwg

Figure 5-4



Legend

- Water Table
- Monitoring Well
- Extraction Well
- ND — Not Detected
- J — Estimated Value
- Well Screen
- ND / ND — Screened Hollow-Stem Auger Sample Intervals and Results
- 0.02 — Monitoring Well Sample
- 0.02 — EDB Isoconcentration Contour Concentrations in µg/L
- 0.02 — Inferred Isoconcentration Contour Concentrations in µg/L
- 90EW0014 — Preconstruction investigation monitoring well or screened hollow-stem auger sampled by Jacobs in 1996-97. Results of analyses are in bold. All other locations were sampled by either OPTECH or ASI from 1995 to 1996.
- Medium to Coarse Sand
- Silty Sand

NOTE:
Concentrations in µg/L

0 500
Scale in Feet

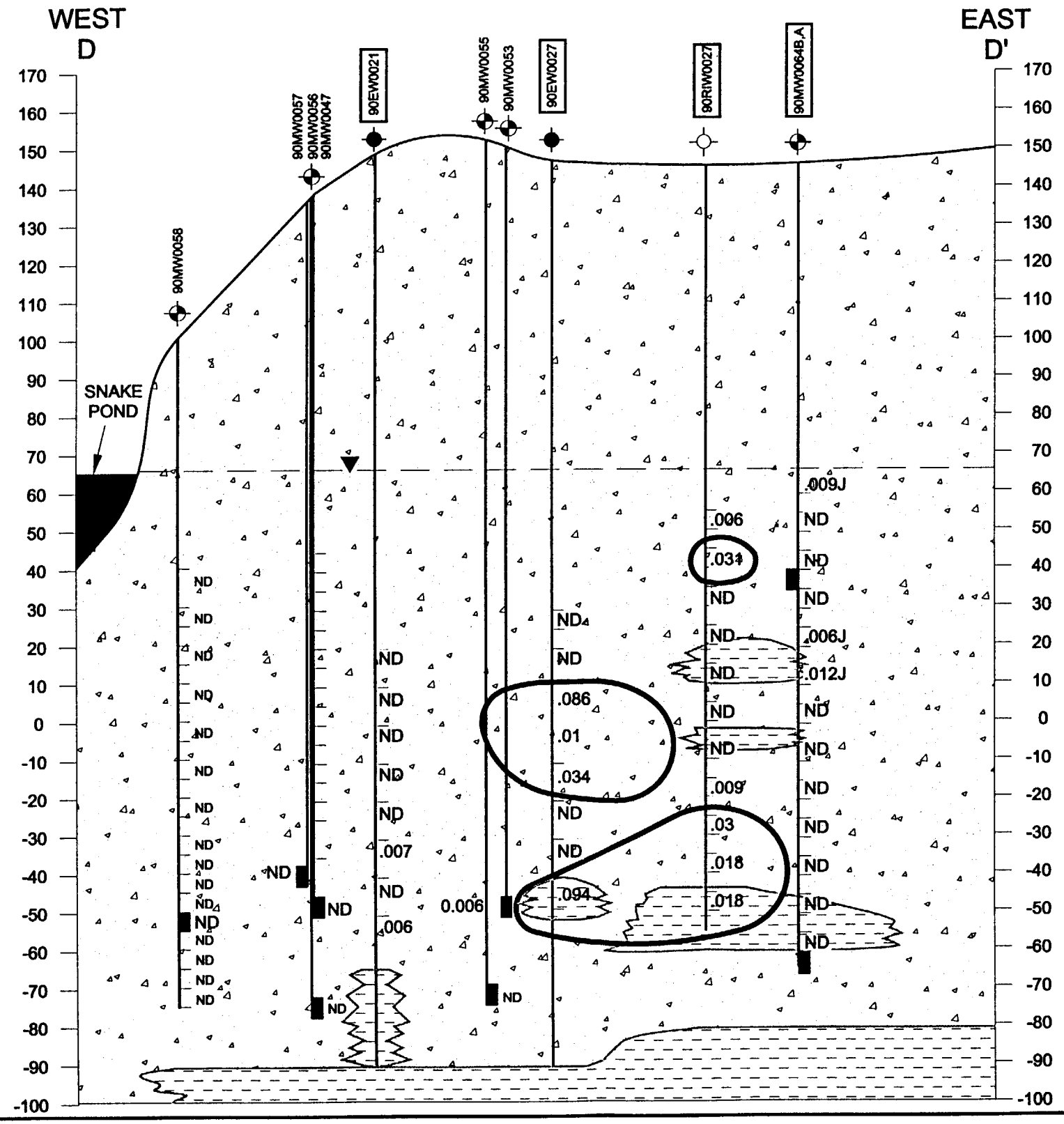
JACOBS ENGINEERING

PRECONSTRUCTION INVESTIGATION
EDB ISOCONCENTRATION
CROSS-SECTION C-C'
AT FUEL SPILL-12 PLUME

Massachusetts Military Reservation
Cape Cod, Massachusetts

5/17/99 ar File...PCF12xc.dwg

Figure 5-5



Legend

- Water Table
- Monitoring Well
- Extraction Well
- Reinjection Well
- ND — Not Detected
- J — Estimated Value
- Well Screen
- ND / ND — Screened Hollow-Stem Auger Sample Intervals and Results
- 0.02 — Monitoring Well Sample
- 0.02 — EDB Isoconcentration Contour Concentrations in µg/L
- 0.02 — Inferred Isoconcentration Contour Concentrations in µg/L
- 90EW0014 — Preconstruction investigation monitoring well or screened hollow-stem auger sampled by Jacobs in 1996-97. Results of analyses are in bold. All other locations were sampled by either OPTECH or ASI from 1995 to 1996.
- Medium to Coarse Sand
- Silty Sand

NOTES:
Concentrations in µg/L

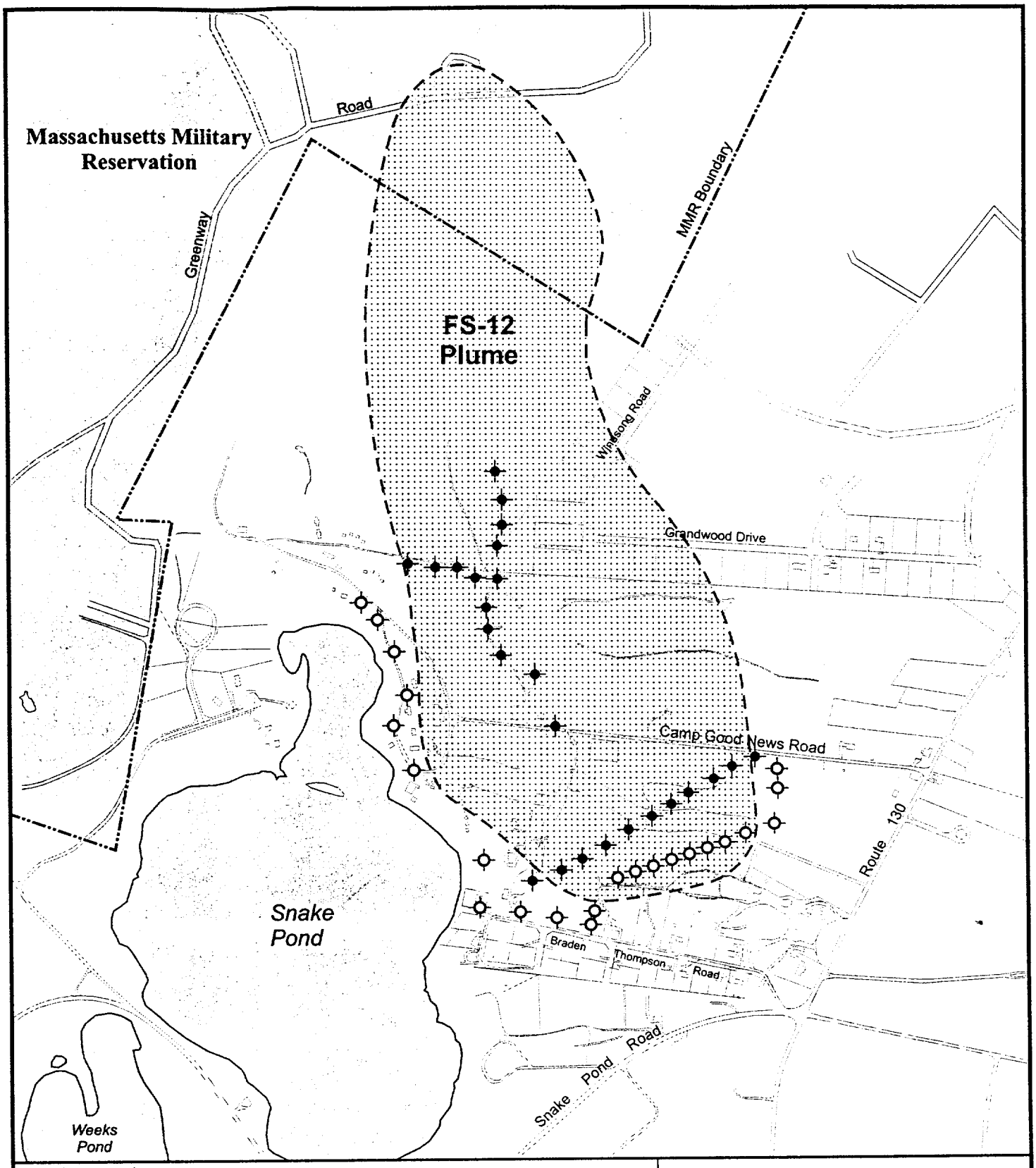
0 500
Scale in Feet

JACOBS ENGINEERING

PRECONSTRUCTION INVESTIGATION
EDB ISOCONCENTRATION
CROSS-SECTION D-D'
AT FUEL SPILL-12 PLUME
Massachusetts Military Reservation
Cape Cod, Massachusetts

5/17/99 ar File...PCF12xd.dwg

Figure 5-6



JACOBS ENGINEERING

Extraction and Reinjection Well Layout at FS-12 Plume from Computer Model Simulation Run Number 75

Massachusetts Military Reservation
Cape Cod, Massachusetts

5/17/99 sr File:..f12&JPT1.cdr

Figure 7-1

TABLE 3-1
MONITORING WELL AND SCREENED HOLLOW-STEM AUGER CONSTRUCTION SUMMARY

WELL	INVESTI-GATION (1)	MW OR SHSA	EASTING	NORTHING	SURFACE ELEV (ft-msl)	SCREEN LENGTH (ft)	ELEV TOS OR SHSA INTERVAL (ft msl)	ELEV BOS OR SHSA INTERVAL (ft msl)	CENTER SCREEN ELEV (ft msl)	WELL DEPTH CLASS (2)
90JB0001B	JBT	MW	869640	250020	126.80	10.0	41.8	31.8	36.8	B
90JB0001C	JBT	MW	869640	250020	126.90	10.0	-3.1	-13.1	-8.1	D
90JB0001D	JBT	MW	869640	250020	126.80	10.0	-29.2	-39.2	-34.2	E
90JB0004A	JBT	MW	870060	250040	133.30	10.0	8.3	-1.7	3.3	C
90JB0004C	JBT	MW	870060	250040	133.30	10.0	38.1	28.1	33.1	B
90MP0059A	DATAGAP	MW	867510	252240	77.62	2.5	-68.3	-70.8	-69.5	G
90MP0059B	DATAGAP	MW	867510	252240	77.62	2.5	-38.8	-41.3	-40.0	F
90MP0059C	DATAGAP	MW	867510	252240	77.62	2.5	-14.3	-16.8	-15.5	D
90MP0059D	DATAGAP	MW	867510	252240	77.62	2.5	10.2	7.7	9.0	C
90MP0059E	DATAGAP	MW	867510	252240	77.62	2.5	34.7	32.2	33.5	B
90MP0059F	DATAGAP	MW	867510	252240	77.62	2.5	59.2	56.7	58.0	A
90MP0060A	DATAGAP	MW	868000	251190	86.00	2.5	-84.5	-87.0	-85.8	G
90MP0060B	DATAGAP	MW	868000	251190	86.00	2.5	-65.0	-67.5	-66.3	G
90MP0060C	DATAGAP	MW	868000	251190	86.00	2.5	-40.5	-43.0	-41.8	F
90MP0060D	DATAGAP	MW	868000	251190	86.00	2.5	-16.0	-18.5	-17.3	D
90MP0060E	DATAGAP	MW	868000	251190	86.00	2.5	-0.5	-3.0	-1.8	D
90MP0060F	DATAGAP	MW	868000	251190	86.00	2.5	39.0	36.5	37.7	B
90MW0001	ESI	MW	868193	253687	157.70	5.0	25.7	20.7	23.2	B
90MW0002	ESI	MW	868186	253695	157.40	10.0	71.4	61.4	66.4	A
90MW0003	ESI	MW	868334	252805	156.90	5.0	12.9	7.9	10.4	C
90MW0004	ESI	MW	867298	253307	80.50	5.0	-2.5	-7.5	-5.0	D
90MW0005	ESI	MW	868333	252810	156.50	5.0	-27.5	-32.5	-30.0	E
90MW0006	ESI	MW	868420	252285	142.60	5.0	13.6	8.6	11.1	C
90MW0007	ESI	MW	868181	253701	157.20	5.0	-21.8	-26.8	-24.3	E
90MW0008	ESI	MW	868178	253708	157.10	5.0	-8.9	-13.9	-11.4	D
90MW0009	ESI	MW	868157	252314	131.40	5.0	12.4	7.4	9.9	C
90MW000A	ESI	MW	869009	251689	131.40	5.0	-43.8	-48.7	-46.3	F
90MW0010	ESI	MW	867959	251902	79.20	10.0	67.7	57.7	62.7	A
90MW0011	ESI	MW	867958	251907	79.20	5.0	32.7	27.7	30.2	B
90MW0012	ESI	MW	868626	252163	152.60	5.0	12.6	7.6	10.1	C
90MW0013	ESI	MW	867839	254731	147.40	10.0	71.9	61.9	66.9	A
90MW0014	ESI	MW	867351	254509	96.10	5.0	-6.9	-11.9	-9.4	D
90MW0015	ESI	MW	867957	251913	79.20	5.0	-17.3	-22.3	-19.8	D
90MW0016	ESI	MW	868620	252165	152.50	5.0	-7.5	-12.5	-10.0	D
90MW0017	ESI	MW	868414	252288	142.20	5.0	-6.8	-11.8	-9.3	D
90MW0018	ESI	MW	868912	252091	142.90	5.0	-15.6	-20.6	-18.1	D
90MW0019	ESI	MW	868025	253983	154.40	5.0	-6.6	-11.6	-9.1	D
90MW0020	ESI	MW	869057	251880	140.00	5.0	-8.5	-13.5	-11.0	D
90MW0021	ESI	MW	867577	254658	120.70	5.0	-6.3	-11.3	-8.8	D
90MW0022	ESI	MW	867113	254101	105.10	5.0	-6.9	-11.9	-9.4	D
90MW0023	ESI	MW	867930	254760	154.90	5.0	-6.1	-11.1	-8.6	D
90MW0024	ESI	MW	869268	251765	140.80	5.0	-10.2	-15.2	-12.7	D
90MW0025	ESI	MW	868877	251335	151.00	5.0	-8.5	-13.5	-11.0	D
90MW0026	ESI	MW	869111	251306	138.20	5.0	-8.3	-13.3	-10.8	D
90MW0027	ESI	MW	868481	251376	136.70	5.0	-26.8	-31.8	-29.3	E
90MW0028	ESI	MW	869428	251273	144.20	5.0	-32.3	-37.3	-34.8	E
90MW0029B	RI	MW	867937	255042	150.20	10.0	71.8	-81.8	-5.0	D
90MW0030	RI	MW	868909	252066	141.20	5.0	-58.4	-63.3	-60.9	G
90MW0031	RI	MW	868048	253985	154.30	5.0	-41.0	-45.9	-43.5	F
90MW0032	RI	MW	869402	252130	150.10	5.0	-3.9	-8.8	-6.4	D
90MW0033	RI	MW	869914	252110	152.10	5.0	-2.6	-7.6	-5.1	D
90MW0034	RI	MW	868645	253868	131.10	5.0	37.4	32.5	35.0	B
90MW0035	RI	MW	867392	252463	90.80	5.0	-33.9	-38.7	-36.3	E
90MW0036	RI	MW	869121	253790	124.00	5.0	19.3	14.5	16.9	C
90MW0037	RI	MW	869143	254294	157.10	5.0	47.2	42.3	44.8	A
90MW0038	RI	MW	867752	254294	141.10	5.0	42.2	37.3	39.8	B
90MW0039	RI	MW	868615	253860	130.80	5.0	47.1	42.2	44.7	A
90MW0040	RI	MW	869029	250985	141.20	5.0	-46.4	-51.3	-48.9	F
90MW0041	RI	MW	868529	254309	159.60	5.0	34.2	29.4	31.8	B
90MW0042	RI	MW	870394	251162	151.30	3.0	-0.9	-3.9	-2.4	D
90MW0043	RI	MW	870405	251157	151.30	5.0	-62.9	-67.7	-65.3	G
90MW0044	RI	MW	869415	252138	150.20	5.0	-52.7	-57.6	-55.2	F
90MW0047	RI	MW	868811	250486	137.80	5.0	-46.5	-51.6	-49.1	F
90MW0048	RI	MW	868493	251370	136.80	5.0	11.7	6.9	9.3	C
90MW0049	RI	MW	868008	251366	81.00	5.0	-93.2	-98.2	-95.7	H

TABLE 3-1
MONITORING WELL AND SCREENED HOLLOW-STEM AUGER CONSTRUCTION SUMMARY

WELL	INVESTIGATION (1)	MW OR SHSA	EASTING	NORTHING	SURFACE ELEV (ft-msl)	SCREEN LENGTH (ft)	ELEV TOS OR SHSA INTERVAL (ft msl)	ELEV BOS OR SHSA INTERVAL (ft msl)	CENTER SCREEN ELEV (ft msl)	WELL DEPTH CLASS (2)
90MW0050	RI	MW	868343	250980	83.00	5.0	-5.8	-10.8	-8.3	D
90MW0051	RI	MW	868425	254799	162.00	5.0	1.9	-3.0	-0.6	D
90MW0052	RI	MW	869768	253503	129.80	5.0	34.9	30.9	32.9	B
90MW0053	RI	MW	869430	250841	143.50	5.0	-45.7	-50.6	-48.2	F
90MW0054	DATAGAP	MW	867001	252666	83.38	5.0	-18.0	-23.0	-20.5	E
90MW0055	DATAGAP	MW	869417	250870	143.00	5.0	-77.0	-82.0	-79.5	G
90MW0056	DATAGAP	MW	868821	250476	137.39	5.0	-77.0	-82.0	-79.5	G
90MW0057	DATAGAP	MW	868822	250495	123.31	5.0	-50.0	-55.0	-52.5	F
90MW0058	DATAGAP	MW	870000	252665	82.27	5.0	-47.0	-52.0	-49.5	F
90MW0059B	PRECONST	MW	869041	251781	135.50	5.0	-38.3	-43.3	-40.8	F
90MW0060	PRECONST	MW	869562	252128	150.60	5.0	9.6	4.6	7.1	C
90MW0061	PRECONST	MW	867965	254429	141.00	5.0	1.0	-4.0	-1.5	D
90MW0062	PRECONST	MW	869021	253747	122.73	5.0	37.7	32.7	35.2	B
90MW0063	PRECONST	MW	867495	252978	86.10	5.0	36.1	31.1	33.6	B
90MW0064A	PRECONST	MW	870280	250674	143.55	5.0	38.6	33.6	36.1	B
90MW0064B	PRECONST	MW	870287	250668	143.14	5.0	-61.8	-66.8	-64.3	G
90MW0065	PRECONST	MW	870709	251100	150.26	5.0	20.3	15.3	17.8	C
90MW0066A	PRECONST	MW	869438	250479	132.36	5.0	-7.1	-12.1	-9.6	D
90MW0066B	PRECONST	MW	869444	250473	131.91	5.0	-56.6	-61.6	-59.1	F
90MW0067	PRECONST	MW	870167	251148	151.51	5.0	41.9	36.9	39.4	B
90MW0068	PRECONST	MW	869900	250520	135.00	5.0	-4.0	-9.0	-6.5	D
90MW0069	PRECONST	MW	867120	252440	88.00	5.0	38.6	33.6	36.1	B
90MW0070	PRECONST	MW	867750	253030	120.00	5.0	-46.5	-51.5	-49.0	F
90MW0071	PRECONST	MW	867895	252978	138.00	5.0	-64.0	-69.0	-66.5	G
90MW0072A	PRECONST	MW	867450	254400	91.00	5.0	56.0	51.0	53.5	A
ITW-01	RI	MW	868361	253252	157.70	VAR	64.5	-44.1	MULTIPLE	
ITW-02	RI	MW	868614	252139	152.50	VAR	32.7	-60.0	MULTIPLE	
LWA-01	SOURCE	MW	868408	254772	161.80	10.0	72.7	62.7	67.7	A
LWA-02	SOURCE	MW	868565	254754	161.90	10.0	70.9	60.9	65.9	A
LWA-03	SOURCE	MW	868411	254530	159.50	10.0	73.4	63.4	68.4	A
LWA-04	SOURCE	MW	868570	254519	160.20	10.0	69.4	59.4	64.4	A
LWA-05	SOURCE	MW	868099	254686	158.60	10.0	72.5	62.4	67.5	A
LWA-06	SOURCE	MW	868540	254996	163.90	10.0	72.4	62.4	67.4	A
LWA-07	SOURCE	MW	868270	255051	163.60	10.0	71.5	61.5	66.5	A
LWA-10	SOURCE	MW	868641	254331	157.00	10.0	70.3	60.3	65.3	A
LWA-11	SOURCE	MW	868692	254772	160.40	10.0	68.8	58.8	63.8	A
WT-01	ESI	MW	868669	252489	146.80	10.0	62.8	52.8	57.8	A
WT-02	ESI	MW	869383	254876	154.90	10.0	71.9	61.9	66.9	A
WT-03	ESI	MW	868021	254790	159.10	10.0	71.6	61.6	66.6	A
WT-04	ESI	MW	867403	254543	100.20	10.0	65.2	55.2	60.2	A
WT-05	ESI	MW	866891	253393	118.30	10.0	70.8	60.8	65.8	A
WT-06	ESI	MW	868406	255096	164.80	10.0	69.8	59.8	64.8	A
WT-07	RI	MW	871961	258882	169.60	10.0	69.1	59.1	64.1	A
WT-08	RI	MW	866136	251157	126.60	10.0	69.6	59.3	64.5	A
WT-09	RI	MW	870977	255631	156.70	10.0	69.7	59.4	64.6	A
WT-10	RI	MW	871435	252058	152.40	10.0	68.4	58.1	63.3	A
WT-11	RI	MW	868047	254754	161.10	10.0	71.1	60.8	66.0	A
WT-13	RI	MW	868411	254735	163.10	10.0	71.1	61.1	66.1	A
WT-14	RI	MW	873906	255225	154.70	10.0	68.7	58.7	63.7	A
WT-15	RI	MW	868034	254621	160.00	10.0	71.0	61.0	66.0	A
WT-16	RI	MW	868338	250994	83.20	10.0	72.2	62.3	67.3	A
90BH0073	PRECONST	SHSA			103.00	NONE	68.0	-67.0	NONE	
90BH0074	PRECONST	SHSA			109.00	NONE	44.0	-61.0	NONE	
90BH0075	PRECONST	SHSA			122.00	NONE	52.0	-43.0	NONE	
90EW0002	PRECONST	SHSA	867450	252430	91.00	NONE	66.0	-79.0	NONE	
90EW0014	PRECONST	SHSA	868570	252200	152.00	NONE	57.0	-38.0	NONE	
90EW0019	PRECONST	SHSA	868921	251390	145.90	NONE	25.9	-39.1	NONE	
90EW0021	PRECONST	SHSA	868842	250536	139.10	NONE	19.1	-55.9	NONE	
90EW0027	PRECONST	SHSA	869410	250800	148.50	NONE	28.5	-46.5	NONE	
90MP0060	DATAGAP	SHSA	868000	251190	86.00	NONE			NONE	
90MW0030	RI	SHSA	868909	252066	141.20	NONE	5.0	-60.0	NONE	
90MW0033	RI	SHSA	869914	252110	152.10	NONE	-15.0	-65.0	NONE	
90MW0035	RI	SHSA	867392	252463	90.80	NONE	25.0	-55.0	NONE	
90MW0036	RI	SHSA	869121	253790	124.00	NONE			NONE	
90MW0038	RI	SHSA	867752	254294	141.10	NONE			NONE	

TABLE 3-1
MONITORING WELL AND SCREENED HOLLOW-STEM AUGER CONSTRUCTION SUMMARY

WELL	INVESTI-GATION (1)	MW OR SHSA	EASTING	NORTHING	SURFACE ELEV (ft-msl)	SCREEN LENGTH (ft)	ELEV TOS OR SHSA INTERVAL (ft msl)	ELEV BOS OR SHSA INTERVAL (ft msl)	CENTER SCREEN ELEV (ft msl)	WELL DEPTH CLASS (2)
90MW0039	RI	SHSA	868615	253860	130.80	NONE			NONE	
90MW0039	RI	SHSA	868615	253860	130.80	NONE	65.0	-45.0	NONE	
90MW0041	RI	SHSA	868529	254309	159.60	NONE	65.0	0.0	NONE	
90MW0042	RI	SHSA	870394	251162	151.30	NONE	45.0	0.0	NONE	
90MW0043	RI	SHSA	870405	251157	151.30	NONE	-25.0	-65.0	NONE	
90MW0044	RI	SHSA	869415	252138	150.20	NONE	-30.0	-50.0	NONE	
90MW0045	RI	SHSA				NONE	0.0	0.0	NONE	
90MW0046	RI	SHSA				NONE	0.0	0.0	NONE	
90MW0047	RI	SHSA	868811	250486	137.80	NONE	45.0	-35.0	NONE	
90MW0048	RI	SHSA	868493	251370	136.80	NONE	25.0	-75.0	NONE	
90MW0049	RI	SHSA	868008	251366	81.00	NONE	55.0	-95.0	NONE	
90MW0051	RI	SHSA	868425	254799	162.00	NONE	65.0	0.0	NONE	
90MW0052	RI	SHSA	869768	253503	129.80	NONE			NONE	
90MW0054	DATAGAP	SHSA	867001	252666	83.38	NONE	70.0	-70.0	NONE	
90MW0057	DATAGAP	SHSA	868822	250495		NONE			NONE	
90MW0058	DATAGAP	SHSA	870000	252665	82.27	NONE	40.0	-75.0	NONE	
90MW0059	PRECONST	SHSA	869041	251781	135.50	NONE	45.5	-4.5	NONE	
90MW0060	PRECONST	SHSA	869562	252128	150.60	NONE	50.6	-44.4	NONE	
90MW0061	PRECONST	SHSA	867965	254429	141.00	NONE	41.0	-44.0	NONE	
90MW0062	PRECONST	SHSA	869021	253747	122.73	NONE	37.7	-57.3	NONE	
90MW0063	PRECONST	SHSA	867495	252978	86.10	NONE	6.1	-88.9	NONE	
90MW0064	PRECONST	SHSA	870280	250674	143.55	NONE	58.6	-66.5	NONE	
90MW0065	PRECONST	SHSA	870709	251100	150.26	NONE	60.3	-54.7	NONE	
90MW0066	PRECONST	SHSA	869438	250479	132.36	NONE	62.4	-42.6	NONE	
90MW0067	PRECONST	SHSA	870167	251148	151.51	NONE	56.5	-68.5	NONE	
90MW0068	PRECONST	SHSA	869900	250520	135.00	NONE	50.0	-55.0	NONE	
90MW0069	PRECONST	SHSA	867120	252440	88.00	NONE	68.0	-107.0	NONE	
90MW0070	PRECONST	SHSA	867750	253030	120.00	NONE	55.0	-60.0	NONE	
90MW0071	PRECONST	SHSA	867895	252978	138.00	NONE	53.0	-27.0	NONE	
90RW0006	PRECONST	SHSA	867931	251990	81.70	NONE	6.7	-68.3	NONE	
90RW0010	PRECONST	SHSA	868129	251150	84.30	NONE	44.3	-100.7	NONE	
90RW0014	PRECONST	SHSA	868560	250383	114.10	NONE	44.1	-80.9	NONE	
90RW0027	PRECONST	SHSA	869973	250772	148.70	NONE	53.7	-51.3	NONE	

NOTES:
Blank spaces indicate that information is either unavailable or not applicable.
MW= Monitoring Well
SHSA= Screened Hollow-Stem Auger Water Sampling
Elev= Elevation
TOS= Top of Screen
BOS= Bottom of Screen

1. Please reference the following studies:
   a. ESI - expanded site investigation performed by ASI under contract to HAZWRAP (ASI 1992)
   b. RI - remedial investigation by ASI under contract to HAZWRAP
   c. DATAGAP - data-gap investigation performed by OpTech
   d. PRECONST - preconstruction investigation conducted by Jacobs under contract to AFCEE (AFCEE 1992)
   e. SOURCE - final design package for the FS-12 product recovery system conducted by ASI under contract to HAZWRAP
   f. JBT - J. Braden Thompson Remedial Investigation prepared by Wehren Engineers for Mass DEP

2. Well depth classes are defined for the following center of screen elevations:
   A. >40 ft-msl
   B. >20 and <40 ft-msl
   C. >0 and <20 ft-msl
   D. >-20 and <0 ft-msl
   E. >-40 and <-20 ft-msl
   F. >-60 and <-40 ft-msl
   G. <-60 ft-msl

TABLE 4-1
SUMMARY OF STRATIGRAPHY FROM PRECONSTRUCTION INVESTIGATION LITHOLOGIC BORINGS

BORING	NORTHING	EASTING	GROUND SURFACE ELEV (ft-msl)	TOP DEPTH (ft)	BOTTOM DEPTH (ft)	TOP ELEV (ft-msl)	BOT ELEV (ft-msl)	SOIL DESCRIPTION	UNIT THICKNESS (ft)
90EW0002	252430	867275	90.68	0	168	90.7	-77.3	SAND	168
				168	185	-77.3	-94.3	SILTY SAND	17
					185		-94.3	Bottom of Boring	
90EW0014	252200	868570	152.04	0	200	152.0	-48.0	SAND	200
				200	217.0	-48.0	-65.0	SILTY SAND	17
				217	235	-65.0	-83.0	SAND	18
					235		-83.0	Bottom of Boring	
90EW0019	251390	868921	145.85	0	200	145.9	-54.2	SAND	200
				200	204	-54.2	-58.2	SILT	4
				204	224	-58.2	-78.2	SAND	20
				224	225	-78.2	-79.2	SILTY SAND	1
					225		-79.2	Bottom of Boring	
90EW0021	250536	868842	139.05	0	202	139.1	-63.0	SAND	202
				202	217.5	-63.0	-78.5	SILTY SAND	15.5
				217.5	230	-78.5	-91.0	SAND	12.5
					230		-91.0	Bottom of Boring	
90EW0027	250800	869410	148.47	0	195	148.5	-46.5	SAND	195
				195	200	-46.5	-51.5	SILTY SAND	5
				200	235	-51.5	-86.5	SAND	35
					235		-86.5	Bottom of Boring	
90RW0010	251150	868129	84.25	0	175	84.3	-90.8	SAND	175
					175		-90.8	Bottom of Boring	
90RW0014	250383	868560	114.07	0	197	114.1	-82.9	SAND	197
				197	215	-82.9	-100.9	SILTY SAND	18
					215		-100.9	Bottom of Boring	
90RW0027	250772	869973	148.7	0	175	148.7	-26.3	SAND	175
				175	255	-26.3	-106.3	SILTY SAND	80
					255		-106.3	Bottom of Boring	
PB-1	254056	867977	154	0	138	154.0	16.0	SAND	138
				138	168	16.0	-14.0	SILTY SAND	30
				168	250	-14.0	-96.0	SAND	82
				250	267	-96.0	-113.0	SILTY SAND	17
				267	272	-113.0	-118.0	SAND	5
				272	295	-118.0	-141.0	SILTY SAND W/CL	23
				295	310	-141.0	-156.0	BEDROCK	15
					310		-156.0	Bottom of Boring	

TABLE 5-1
PRECONSTRUCTION INVESTIGATION WATER LEVEL MEASUREMENTS, NOVEMBER 25, 1996

WELL	EASTING	NORTHING	SURVEY SURFACE ELEV	RISER ELEV (ft-msl)	WATER DEPTH (ft)	WATER ELEV (ft)	SCREEN LENGTH (ft)	ELEV TOP OF SCREEN (ft msl)	ELEV BOTTOM OF SCREEN (ft msl)
90JB0001D	869640.00	250020.00	126.80	126.57	58.47	68.10	10.00	-29.20	-39.20
90JB0004A	870060.00	250040.00	133.30	133.14	65.05	68.09	10.00	8.30	-1.70
90MP0059A	867510.00	252240.00	75.90	78.15	9.34	68.81	2.50	-67.74	-70.24
90MP0059B	867510.00	252240.00	75.90	78.20	9.20	69.00	2.50	-38.19	-40.69
90MP0059C	867510.00	252240.00	75.90	78.19	9.19	69.00	2.50	-13.70	-16.20
90MP0059D	867510.00	252240.00	75.90	78.11	9.20	68.91	2.50	10.72	8.22
90MP0059E	867510.00	252240.00	75.90	78.14	9.22	68.92	2.50	35.25	32.75
90MP0059F	867510.00	252240.00	75.90	78.16	9.20	68.96	2.50	59.77	57.27
90MW0003	868334.47	252804.99	156.90	159.16	90.21	68.95	5.00	12.90	7.90
90MW0004	867298.02	253306.51	80.50	83.46	14.26	69.20	5.00	-2.50	-7.50
90MW0005	868332.51	252810.36	156.50	159.39	90.31	69.08	5.00	-27.50	-32.50
90MW0008	868177.53	253708.01	157.10	159.69	90.25	69.44	5.00	-8.90	-13.90
90MW0009	868157.30	252314.39	131.40	134.11	65.34	68.77	5.00	12.40	7.40
90MW0014	867350.75	254509.18	96.10	99.12	29.48	69.64	5.00	-6.90	-11.90
90MW0016	868619.97	252165.46	152.50	155.39	86.51	68.88	5.00	-7.50	-12.50
90MW0018	868911.60	252090.78	142.90	142.46	73.58	68.88	5.00	-15.60	-20.60
90MW0019	868025.12	253982.70	154.40	157.35	87.82	69.53	5.00	-6.60	-11.60
90MW0020	869057.40	251879.70	140.00	139.56	70.73	68.83	5.00	-8.50	-13.50
90MW0021	867576.55	254657.58	120.70	123.48	53.89	69.59	5.00	-6.30	-11.30
90MW0022	867112.83	254101.22	105.10	108.07	38.57	69.50	5.00	-6.90	-11.90
90MW0023	867929.86	254759.54	154.90	157.70	87.91	69.79	5.00	-6.10	-11.10
90MW0024	869267.92	251765.40	140.80	143.62	74.86	68.76	5.00	-10.20	-15.20
90MW0025	868877.29	251335.27	151.00	150.58	82.13	68.45	5.00	-8.50	-13.50
90MW0026	869111.00	251305.80	138.20	137.83	69.40	68.43	5.00	-8.30	-13.30
90MW0027	868480.53	251376.12	136.70	136.39	67.95	68.44	5.00	-26.80	-31.80
90MW0028	869428.22	251273.30	144.20	144.53	75.34	69.19	5.00	-32.30	-37.30
90MW0029B	867936.94	255042.11	150.20	152.76	82.90	69.86	10.00	71.80	-81.80
90MW0032	869401.79	252130.02	150.10	152.46	83.43	69.03	5.00	-3.90	-8.80
90MW0033	869914.06	252109.92	152.10	154.34	85.48	68.86	5.00	-2.60	-7.60
90MW0036	869120.59	253790.29	124.00	126.31	56.78	69.53	5.00	19.30	14.50
90MW0041	868528.95	254308.76	159.60	161.63	91.96	69.67	5.00	34.20	29.40
90MW0042	870393.78	251162.47	151.30	151.11	82.92	68.19	3.00	-0.90	-3.90
90MW0047	868811.02	250485.59	137.80	137.60	69.48	68.12	5.00	-46.50	-51.60
90MW0050	868343.39	250979.84	83.00	82.67	14.29	68.38	5.00	-5.80	-10.80
90MW0051	868425.24	254799.22	162.00	163.99	dry		5.00	1.90	-3.00
90MW0053	869430.27	250840.78	143.50	149.75	81.41	68.34	5.00	-45.70	-50.60
90MW0054	867000.70	252665.70	83.38	83.42	14.44	68.98	5.00	-18.00	-23.00
90MW0057	868821.80	250495.20	125.00	123.31	55.12	68.19	5.00	-50.00	-55.00
90MW0063	867495.26	252977.85	86.10	85.93	16.48	69.45	5.00	36.10	31.10
90MW0064A	870280.44	250673.90	143.55	142.84	74.86	67.98	5.00	38.60	33.60
90MW0064B	870286.78	250668.10	143.14	143.28	75.80	67.04	5.00	-61.80	-66.80

Notes:
Surface elevations are those known at the time of the investigation.
Several wells have since been resurveyed and found to have differing elevations.

Elev = elevation
ft = feet
msl = mean sea level

TABLE 5-2
FS-12 PRECONSTRUCTION INVESTIGATION, LABORATORY ANALYTICAL RESULTS, VOCs and EDB

LOCATION	SAMPLE TYPE	DATE SAMPLED	CONTROL NUMBER	LABORATORY METHOD	GROUND SURFACE (ft msl)	DTOS (ft)	DBOS (ft)	ETOS (ft msl)	EBOS (ft msl)	EDB (ppb)	BENZ (ppb)	TEX++ (ppb)	COMMENT
90BH0073	SHSA	20-Dec-96	OT-F032001	E504 (EDB)	103	35	40	68	63	ND			
90BH0073	SHSA	20-Dec-96	OT-F032003	E504 (EDB)	103	35	40	68	63	ND			
90BH0073	SHSA	20-Dec-96	OT-F032002	E524.2 (VOC)	103	35	40	68	63		ND	ND	
90BH0073	SHSA	20-Dec-96	OT-F032004	E524.2 (VOC)	103	35	40	68	63		ND	ND	
90BH0073	SHSA	20-Dec-96	OT-F032005	E504 (EDB)	103	45	50	58	53	ND			
90BH0073	SHSA	20-Dec-96	OT-F032006	E524.2 (VOC)	103	45	50	58	53		ND	ND	
90BH0073	SHSA	20-Dec-96	OT-F032007	E504 (EDB)	103	55	60	48	43	ND			
90BH0073	SHSA	20-Dec-96	OT-F032008	E524.2 (VOC)	103	55	60	48	43		ND	ND	
90BH0073	SHSA	20-Dec-96	OT-F032101	E504 (EDB)	103	65	70	38	33	ND			
90BH0073	SHSA	20-Dec-96	OT-F032103	E504 (EDB)	103	65	70	38	33	ND			
90BH0073	SHSA	20-Dec-96	OT-F032102	E524.2 (VOC)	103	65	70	38	33		ND	ND	
90BH0073	SHSA	20-Dec-96	OT-F032104	E524.2 (VOC)	103	65	70	38	33		ND	ND	
90BH0073	SHSA	20-Dec-96	OT-F032105	E504 (EDB)	103	75	80	28	23	ND			
90BH0073	SHSA	20-Dec-96	OT-F032106	E524.2 (VOC)	103	75	80	28	23		ND	ND	
90BH0073	SHSA	20-Dec-96	OT-F032107	E504 (EDB)	103	85	90	18	13	ND			
90BH0073	SHSA	20-Dec-96	OT-F032108	E524.2 (VOC)	103	85	90	18	13		ND	ND	
90BH0073	SHSA	20-Dec-96	OT-F032201	E504 (EDB)	103	95	100	8	3	ND			
90BH0073	SHSA	20-Dec-96	OT-F032202	E524.2 (VOC)	103	95	100	8	3		ND	ND	
90BH0073	SHSA	20-Dec-96	OT-F032203	E504 (EDB)	103	105	110	-2	-7	ND			
90BH0073	SHSA	20-Dec-96	OT-F032204	E524.2 (VOC)	103	105	110	-2	-7		ND	ND	
90BH0073	SHSA	20-Dec-96	OT-F032205	E504 (EDB)	103	115	120	-12	-17	ND			
90BH0073	SHSA	20-Dec-96	OT-F032206	E524.2 (VOC)	103	115	120	-12	-17		ND	ND	
90BH0073	SHSA	20-Dec-96	OT-F032207	E504 (EDB)	103	125	130	-22	-27	ND			
90BH0073	SHSA	20-Dec-96	OT-F032208	E524.2 (VOC)	103	125	130	-22	-27		ND	ND	
90BH0073	SHSA	20-Dec-96	OT-F032301	E504 (EDB)	103	135	140	-32	-37	ND			
90BH0073	SHSA	20-Dec-96	OT-F032302	E524.2 (VOC)	103	135	140	-32	-37		ND	ND	
90BH0073	SHSA	20-Dec-96	OT-F032401	E504 (EDB)	103	145	150	-42	-47	ND			
90BH0073	SHSA	20-Dec-96	OT-F032402	E524.2 (VOC)	103	145	150	-42	-47		ND	ND	
90BH0073	SHSA	20-Dec-96	OT-F032403	E504 (EDB)	103	155	160	-52	-57	ND			
90BH0073	SHSA	20-Dec-96	OT-F032404	E524.2 (VOC)	103	155	160	-52	-57		ND	ND	
90BH0073	SHSA	20-Dec-96	OT-F032405	E504 (EDB)	103	165	170	-62	-67	ND			
90BH0073	SHSA	20-Dec-96	OT-F032406	E524.2 (VOC)	103	165	170	-62	-67		ND	ND	
90BH0074	SHSA	23-Dec-96	OT-F032701	E504 (EDB)	109	65	70	44	39	ND			
90BH0074	SHSA	23-Dec-96	OT-F032703	E504 (EDB)	109	65	70	44	39	ND			
90BH0074	SHSA	23-Dec-96	OT-F032702	E524.2 (VOC)	109	65	70	44	39		ND	0.17	
90BH0074	SHSA	23-Dec-96	OT-F032704	E524.2 (VOC)	109	65	70	44	39		ND	0.16	PCE=.18 ppb
90BH0074	SHSA	23-Dec-96	OT-F032705	E504 (EDB)	109	75	80	34	29	ND			
90BH0074	SHSA	23-Dec-96	OT-F032706	E524.2 (VOC)	109	75	80	34	29		ND	0.14	
90BH0074	SHSA	23-Dec-96	OT-F032707	E504 (EDB)	109	85	90	24	19	ND			
90BH0074	SHSA	23-Dec-96	OT-F032708	E524.2 (VOC)	109	85	90	24	19		ND	0.16	PCE=.16 ppb
90BH0074	SHSA	26-Dec-96	OT-F032801	E504 (EDB)	109	95	100	14	9	ND			
90BH0074	SHSA	26-Dec-96	OT-F032802	E524.2 (VOC)	109	95	100	14	9		ND	0.14	PCE=.21 ppb
90BH0074	SHSA	26-Dec-96	OT-F032803	E504 (EDB)	109	105	110	4	-1	ND			
90BH0074	SHSA	26-Dec-96	OT-F032804	E524.2 (VOC)	109	105	110	4	-1		ND	0.17	PCE=.15 ppb
90BH0074	SHSA	26-Dec-96	OT-F032805	E504 (EDB)	109	115	120	-6	-11	ND			
90BH0074	SHSA	26-Dec-96	OT-F032806	E524.2 (VOC)	109	115	120	-6	-11		ND	0.13	PCE=.35 ppb
90BH0074	SHSA	26-Dec-96	OT-F032807	E504 (EDB)	109	125	130	-16	-21	ND			

TABLE 5-2
FS-12 PRECONSTRUCTION INVESTIGATION, LABORATORY ANALYTICAL RESULTS, VOCs and EDB

LOCATION	SAMPLE TYPE	DATE SAMPLED	CONTROL NUMBER	LABORATORY METHOD	GROUND SURFACE (ft msl)	DTOS (ft)	DBOS (ft)	ETOS (ft msl)	EBOS (ft msl)	EDB (ppb)	BENZ (ppb)	TEX (ppb)	COMMENT
90BH0074	SHSA	26-Dec-96	OT-F032808	E524.2 (VOC)	109	125	130	-16	-21		ND	0.15	PCE=.20 ppb
90BH0074	SHSA	26-Dec-96	OT-F032901	E504 (EDB)	109	135	140	-26	-31	ND			
90BH0074	SHSA	26-Dec-96	OT-F032902	E524.2 (VOC)	109	135	140	-26	-31		ND	0.11	PCE=.21 ppb
90BH0074	SHSA	26-Dec-96	OT-F032903	E504 (EDB)	109	145	150	-36	-41	ND			
90BH0074	SHSA	26-Dec-96	OT-F032904	E524.2 (VOC)	109	145	150	-36	-41		ND	0.11	PCE=.14 ppb
90BH0074	SHSA	26-Dec-96	OT-F032905	E504 (EDB)	109	155	160	-46	-51	ND			
90BH0074	SHSA	26-Dec-96	OT-F032906	E524.2 (VOC)	109	155	160	-46	-51		ND	0.12	
90BH0074	SHSA	26-Dec-96	OT-F032907	E504 (EDB)	109	165	170	-56	-61	ND			
90BH0074	SHSA	26-Dec-96	OT-F032908	E524.2 (VOC)	109	165	170	-56	-61		ND	0.23	PCE=.29 ppb
90BH0075	SHSA	27-Dec-96	OT-F033501	E504 (EDB)	122	70	75	52	47	ND			
90BH0075	SHSA	27-Dec-96	OT-F033502	E524.2 (VOC)	122	70	75	52	47		ND	0.18	
90BH0075	SHSA	27-Dec-96	OT-F033503	E504 (EDB)	122	80	85	42	37	ND			
90BH0075	SHSA	27-Dec-96	OT-F033504	E524.2 (VOC)	122	80	85	42	37		ND	1.06	
90BH0075	SHSA	27-Dec-96	OT-F033505	E504 (EDB)	122	90	95	32	27	ND			
90BH0075	SHSA	27-Dec-96	OT-F033506	E524.2 (VOC)	122	90	95	32	27		ND	0.2	
90BH0075	SHSA	27-Dec-96	OT-F033507	E504 (EDB)	122	100	105	22	17	ND			
90BH0075	SHSA	27-Dec-96	OT-F033508	E524.2 (VOC)	122	100	105	22	17		ND	0.13	
90BH0075	SHSA	27-Dec-96	OT-F033601	E504 (EDB)	122	110	115	12	7	ND			
90BH0075	SHSA	27-Dec-96	OT-F033602	E524.2 (VOC)	122	110	115	12	7		0.12	2.91	
90BH0075	SHSA	27-Dec-96	OT-F033603	E504 (EDB)	122	120	125	2	-3	ND			
90BH0075	SHSA	27-Dec-96	OT-F033604	E524.2 (VOC)	122	120	125	2	-3		3.2	5.41	
90BH0075	SHSA	27-Dec-96	OT-F033605	E504 (EDB)	122	130	135	-8	-13	ND			
90BH0075	SHSA	27-Dec-96	OT-F033606	E524.2 (VOC)	122	130	135	-8	-13		1.1	1.3	
90BH0075	SHSA	27-Dec-96	OT-F033607	E504 (EDB)	122	140	145	-18	-23	ND			
90BH0075	SHSA	27-Dec-96	OT-F033608	E524.2 (VOC)	122	140	145	-18	-23		0.25	0.5	
90BH0075	SHSA	27-Dec-96	OT-F033701	E504 (EDB)	122	150	155	-28	-33	ND			
90BH0075	SHSA	27-Dec-96	OT-F033702	E524.2 (VOC)	122	150	155	-28	-33		ND	0.41	
90BH0075	SHSA	27-Dec-96	OT-F033703	E504 (EDB)	122	160	165	-38	-43	ND			
90BH0075	SHSA	27-Dec-96	OT-F033704	E524.2 (VOC)	122	160	165	-38	-43		ND	0.19	
90EW0002	SHSA	06-Nov-96	OT-F011901	E504.1 (EDB)	90.7	25	30	65.7	60.7	ND			
90EW0002	SHSA	06-Nov-96	OT-F011902	E524.2 (VOC)	90.7	25	30	65.7	60.7		0.12	ND	
90EW0002	SHSA	06-Nov-96	OT-F011903	E504.1 (EDB)	90.7	35	40	55.7	50.7	0.14			
90EW0002	SHSA	06-Nov-96	OT-F011904	E524.2 (VOC)	90.7	35	40	55.7	50.7		0.46	ND	
90EW0002	SHSA	06-Nov-96	OT-F011905	E504.1 (EDB)	90.7	45	50	45.7	40.7	0.0081			
90EW0002	SHSA	06-Nov-96	OT-F011906	E524.2 (VOC)	90.7	45	50	45.7	40.7		ND	ND	
90EW0002	SHSA	06-Nov-96	OT-F011907	E504.1 (EDB)	90.7	55	60	35.7	30.7	ND			
90EW0002	SHSA	06-Nov-96	OT-F011908	E524.2 (VOC)	90.7	55	60	35.7	30.7		ND	ND	
90EW0002	SHSA	06-Nov-96	OT-F012001	E504.1 (EDB)	90.7	65	70	25.7	20.7	ND			
90EW0002	SHSA	06-Nov-96	OT-F012002	E524.2 (VOC)	90.7	65	70	25.7	20.7		ND	ND	
90EW0002	SHSA	06-Nov-96	OT-F012003	E504.1 (EDB)	90.7	75	80	15.7	10.7	0.037			
90EW0002	SHSA	06-Nov-96	OT-F012004	E524.2 (VOC)	90.7	75	80	15.7	10.7		0.12	ND	
90EW0002	SHSA	07-Nov-96	OT-F012101	E504.1 (EDB)	90.7	85	90	5.7	0.7	ND			
90EW0002	SHSA	07-Nov-96	OT-F012102	E524.2 (VOC)	90.7	85	90	5.7	0.7		ND	ND	
90EW0002	SHSA	07-Nov-96	OT-F012103	E504.1 (EDB)	90.7	95	100	-4.3	-9.3	ND			
90EW0002	SHSA	07-Nov-96	OT-F012104	E524.2 (VOC)	90.7	95	100	-4.3	-9.3		ND	ND	
90EW0002	SHSA	07-Nov-96	OT-F012105	E504.1 (EDB)	90.7	105	110	-14.3	-19.3	0.021			
90EW0002	SHSA	07-Nov-96	OT-F012106	E524.2 (VOC)	90.7	105	110	-14.3	-19.3		ND	ND	

TABLE 5-2
FS-12 PRECONSTRUCTION INVESTIGATION, LABORATORY ANALYTICAL RESULTS, VOCs and EDB

LOCATION	SAMPLE TYPE	DATE SAMPLED	CONTROL NUMBER	LABORATORY METHOD	GROUND SURFACE (ft msl)	DTOS (ft)	DBOS (ft)	ETOS (ft msl)	EBOS (ft msl)	EDB (ppb)	BENZ (ppb)	TEX++ (ppb)	COMMENT
90EW0002	SHSA	07-Nov-96	OT-F012107	E504.1 (EDB)	90.7	110	120	-19.3	-29.3	ND			
90EW0002	SHSA	07-Nov-96	OT-F012108	E524.2 (VOC)	90.7	110	120	-19.3	-29.3		ND	ND	
90EW0002	SHSA	07-Nov-96	OT-F012201	E504.1 (EDB)	90.7	125	130	-34.3	-39.3	ND			
90EW0002	SHSA	07-Nov-96	OT-F012203	E504.1 (EDB)	90.7	125	130	-34.3	-39.3	ND			
90EW0002	SHSA	07-Nov-96	OT-F012202	E524.2 (VOC)	90.7	125	130	-34.3	-39.3		ND	ND	
90EW0002	SHSA	07-Nov-96	OT-F012204	E524.2 (VOC)	90.7	125	130	-34.3	-39.3		ND	ND	
90EW0002	SHSA	07-Nov-96	OT-F012205	E504.1 (EDB)	90.7	135	140	-44.3	-49.3	ND			
90EW0002	SHSA	07-Nov-96	OT-F012206	E524.2 (VOC)	90.7	135	140	-44.3	-49.3		ND	ND	
90EW0002	SHSA	07-Nov-96	OT-F012207	E504.1 (EDB)	90.7	145	150	-54.3	-59.3	ND			
90EW0002	SHSA	07-Nov-96	OT-F012208	E524.2 (VOC)	90.7	145	150	-54.3	-59.3		ND	ND	
90EW0002	SHSA	07-Nov-96	OT-F012301	E504.1 (EDB)	90.7	155	160	-64.3	-69.3	ND			
90EW0002	SHSA	07-Nov-96	OT-F012302	E524.2 (VOC)	90.7	155	160	-64.3	-69.3		ND	ND	
90EW0002	SHSA	07-Nov-96	OT-F012303	E504.1 (EDB)	90.7	165	170	-74.3	-79.3	ND			
90EW0002	SHSA	07-Nov-96	OT-F012304	E524.2 (VOC)	90.7	165	170	-74.3	-79.3		ND	ND	
90EW0014	SHSA	05-Nov-96	OT-F010101	E504.1 (EDB)	152	95	100	57	52	ND			
90EW0014	SHSA	05-Nov-96	OT-F010103	E504.1 (EDB)	152	95	100	57	52	ND			
90EW0014	SHSA	05-Nov-96	OT-F010102	E524.2 (VOC)	152	95	100	57	52		ND	ND	
90EW0014	SHSA	05-Nov-96	OT-F010104	E524.2 (VOC)	152	95	100	57	52		ND	ND	
90EW0014	SHSA	05-Nov-96	OT-F010201	E504.1 (EDB)	152	105	110	47	42	ND			
90EW0014	SHSA	05-Nov-96	OT-F010202	E524.2 (VOC)	152	105	110	47	42		ND	0.51	
90EW0014	SHSA	05-Nov-96	OT-F010301	E504.1 (EDB)	152	115	120	37	32	ND			
90EW0014	SHSA	05-Nov-96	OT-F010302	E524.2 (VOC)	152	115	120	37	32		ND	0.14	PCE=0.12 ppb. See lab data for VOCs
90EW0014	SHSA	05-Nov-96	OT-F010401	E504.1 (EDB)	152	125	130	27	22	ND			
90EW0014	SHSA	05-Nov-96	OT-F010402	E524.2 (VOC)	152	125	130	27	22		ND	ND	
90EW0014	SHSA	05-Nov-96	OT-F010501	E504.1 (EDB)	152	135	140	17	12	ND			
90EW0014	SHSA	05-Nov-96	OT-F010502	E524.2 (VOC)	152	135	140	17	12		ND	ND	
90EW0014	SHSA	05-Nov-96	OT-F010601	E504.1 (EDB)	152	145	150	7	2	ND			
90EW0014	SHSA	05-Nov-96	OT-F010701	E504.1 (EDB)	152	155	160	-3	-8	2.3			
90EW0014	SHSA	05-Nov-96	OT-F010702	E524.2 (VOC)	152	155	160	-3	-8	1.4	110	0.41	
90EW0014	SHSA	05-Nov-96	OT-F010801	E504.1 (EDB)	152	165	170	-13	-18	740			
90EW0014	SHSA	05-Nov-96	OT-F010802	E524.2 (VOC)	152	165	170	-13	-18	890	2700	7.4	1,2 DCA= 39 ppb
90EW0014	SHSA	05-Nov-96	OT-F010901	E504.1 (EDB)	152	175	180	-23	-28	240			
90EW0014	SHSA	05-Nov-96	OT-F010902	E524.2 (VOC)	152	175	180	-23	-28	280	280	ND	1,2 DCA= 13 ppb
90EW0014	SHSA	05-Nov-96	OT-F011001	E504.1 (EDB)	152	185	190	-33	-38	12			
90EW0014	SHSA	05-Nov-96	OT-F011002	E524.2 (VOC)	152	185	190	-33	-38	7.1	11	ND	
90EW0019	SHSA	17-Oct-96	OT-F002601	E504.1 (EDB)	145.9	120	125	25.9	20.9	0.0039			
90EW0019	SHSA	17-Oct-96	OT-F002701	E504.1 (EDB)	145.9	120	125	25.9	20.9	0.0044			
90EW0019	SHSA	17-Oct-96	OT-F002602	E524.2 (VOC)	145.9	120	125	25.9	20.9		ND	1.8	
90EW0019	SHSA	17-Oct-96	OT-F002702	E524.2 (VOC)	145.9	120	125	25.9	20.9		ND	0.92	
90EW0019	SHSA	17-Oct-96	OT-F002801	E504.1 (EDB)	145.9	130	135	15.9	10.9	ND			
90EW0019	SHSA	17-Oct-96	OT-F002802	E524.2 (VOC)	145.9	130	135	15.9	10.9		ND	0.3	
90EW0019	SHSA	17-Oct-96	OT-F002901	E504.1 (EDB)	145.9	140	145	5.9	0.9	2.3			
90EW0019	SHSA	17-Oct-96	OT-F002902	E524.2 (VOC)	145.9	140	145	5.9	0.9	2	ND	0.23	
90EW0019	SHSA	17-Oct-96	OT-F003001	E504.1 (EDB)	145.9	150	155	-4.1	-9.1	19			
90EW0019	SHSA	17-Oct-96	OT-F003002	E524.2 (VOC)	145.9	150	155	-4.1	-9.1	23	ND	0.21	
90EW0019	SHSA	17-Oct-96	OT-F003101	E504.1 (EDB)	145.9	160	165	-14.1	-19.1	330			
90EW0019	SHSA	17-Oct-96	OT-F003102	E524.2 (VOC)	145.9	160	165	-14.1	-19.1	300	22		

TABLE 5-2
FS-12 PRECONSTRUCTION INVESTIGATION, LABORATORY ANALYTICAL RESULTS, VOCs and EDB

LOCATION	SAMPLE TYPE	DATE SAMPLED	CONTROL NUMBER	LABORATORY METHOD	GROUND SURFACE (ft msl)	DTOS (ft)	DBOS (ft)	ETOS (ft msl)	EBOS (ft msl)	EDB (ppb)	BENZ (ppb)	TEX+ (ppb)	COMMENT
90EW0019	SHSA	18-Oct-96	OT-F003201	E504.1 (EDB)	145.9	170	175	-24.1	-29.1	290			
90EW0019	SHSA	18-Oct-96	OT-F003202	E524.2 (VOC)	145.9	170	175	-24.1	-29.1	250	ND	ND	
90EW0019	SHSA	18-Oct-96	OT-F003601	E504.1 (EDB)	145.9	180	185	-34.1	-39.1	95			
90EW0019	SHSA	18-Oct-96	OT-F003602	E524.2 (VOC)	145.9	180	185	-34.1	-39.1	98	ND	ND	
90EW0019	SHSA	18-Oct-96	OT-F003301	E504.1 (EDB)	145.9	190	195	-44.1	-49.1	110			
90EW0019	SHSA	18-Oct-96	OT-F003302	E524.2 (VOC)	145.9	190	195	-44.1	-49.1	78	ND	ND	
90EW0021	SHSA	14-Nov-96	OT-F016601	E504.1 (EDB)	139.1	120	125	19.1	14.1	ND			
90EW0021	SHSA	14-Nov-96	OT-F016603	E504.1 (EDB)	139.1	120	125	19.1	14.1	ND			
90EW0021	SHSA	14-Nov-96	OT-F016602	E524.2 (VOC)	139.1	120	125	19.1	14.1		ND	ND	
90EW0021	SHSA	14-Nov-96	OT-F016604	E524.2 (VOC)	139.1	120	125	19.1	14.1		ND	ND	
90EW0021	SHSA	14-Nov-96	OT-F016605	E504.1 (EDB)	139.1	130	135	9.1	4.1	ND			
90EW0021	SHSA	14-Nov-96	OT-F016606	E524.2 (VOC)	139.1	130	135	9.1	4.1		ND	ND	
90EW0021	SHSA	14-Nov-96	OT-F016607	E504.1 (EDB)	139.1	140	145	-0.9	-5.9	ND			
90EW0021	SHSA	14-Nov-96	OT-F016608	E524.2 (VOC)	139.1	140	145	-0.9	-5.9		ND	ND	
90EW0021	SHSA	14-Nov-96	OT-F016701	E504.1 (EDB)	139.1	150	155	-10.9	-15.9	ND			
90EW0021	SHSA	14-Nov-96	OT-F016702	E524.2 (VOC)	139.1	150	155	-10.9	-15.9		ND	ND	
90EW0021	SHSA	14-Nov-96	OT-F016703	E504.1 (EDB)	139.1	160	165	-20.9	-25.9	ND			
90EW0021	SHSA	14-Nov-96	OT-F016704	E524.2 (VOC)	139.1	160	165	-20.9	-25.9		ND	ND	
90EW0021	SHSA	14-Nov-96	OT-F016705	E504.1 (EDB)	139.1	170	175	-30.9	-35.9	0.007			
90EW0021	SHSA	14-Nov-96	OT-F016706	E524.2 (VOC)	139.1	170	175	-30.9	-35.9		ND	ND	
90EW0021	SHSA	14-Nov-96	OT-F016707	E504.1 (EDB)	139.1	180	185	-40.9	-45.9	ND			
90EW0021	SHSA	14-Nov-96	OT-F016708	E524.2 (VOC)	139.1	180	185	-40.9	-45.9		ND	ND	
90EW0021	SHSA	14-Nov-96	OT-F016801	E504.1 (EDB)	139.1	190	195	-50.9	-55.9	0.006			
90EW0021	SHSA	14-Nov-96	OT-F016802	E524.2 (VOC)	139.1	190	195	-50.9	-55.9		ND	3.4	
90EW0027	SHSA	28-Oct-96	OT-F006501	E504.1 (EDB)	148.1	120	125	28.1	23.1	ND			
90EW0027	SHSA	28-Oct-96	OT-F006503	E504.1 (EDB)	148.1	120	125	28.1	23.1	ND			
90EW0027	SHSA	28-Oct-96	OT-F006502	E524.2 (VOC)	148.1	120	125	28.1	23.1		ND	0.65	
90EW0027	SHSA	28-Oct-96	OT-F006504	E524.2 (VOC)	148.1	120	125	28.1	23.1		ND	0.97	
90EW0027	SHSA	29-Oct-96	OT-F006601	E504.1 (EDB)	148.1	130	135	18.1	13.1	ND			
90EW0027	SHSA	29-Oct-96	OT-F006602	E524.2 (VOC)	148.1	130	135	18.1	13.1		ND	ND	
90EW0027	SHSA	29-Oct-96	OT-F006701	E504.1 (EDB)	148.1	140	145	8.1	3.1	0.086			
90EW0027	SHSA	29-Oct-96	OT-F006702	E524.2 (VOC)	148.1	140	145	8.1	3.1		ND	ND	
90EW0027	SHSA	29-Oct-96	OT-F006801	E504.1 (EDB)	148.1	150	155	-1.9	-6.9	0.0099			
90EW0027	SHSA	29-Oct-96	OT-F006802	E524.2 (VOC)	148.1	150	155	-1.9	-6.9		ND	ND	
90EW0027	SHSA	29-Oct-96	OT-F006901	E504.1 (EDB)	148.1	160	165	-11.9	-16.9	0.034			
90EW0027	SHSA	29-Oct-96	OT-F006902	E524.2 (VOC)	148.1	160	165	-11.9	-16.9		ND	ND	
90EW0027	SHSA	29-Oct-96	OT-F007001	E504.1 (EDB)	148.1	170	175	-21.9	-26.9	ND			
90EW0027	SHSA	29-Oct-96	OT-F007002	E524.2 (VOC)	148.1	170	175	-21.9	-26.9		ND	ND	
90EW0027	SHSA	29-Oct-96	OT-F007101	E504.1 (EDB)	148.1	180	185	-31.9	-36.9	ND			
90EW0027	SHSA	29-Oct-96	OT-F007102	E524.2 (VOC)	148.1	180	185	-31.9	-36.9		ND	0.3	
90EW0027	SHSA	29-Oct-96	OT-F007201	E504.1 (EDB)	148.1	190	195	-41.9	-46.9	0.094			
90EW0027	SHSA	29-Oct-96	OT-F007202	E524.2 (VOC)	148.1	190	195	-41.9	-46.9		ND	0.2	
90JB0001B	MW	21-Nov-96	OT-F022502	E504.1 (EDB)	126.8	93	92.5	34.3	34.3	ND			
90JB0001B	MW	21-Nov-96	OT-F022504	E524.2 (VOC)	126.8	93	92.5	34.3	34.3		ND	ND	See lab data for additional VOCs
90JB0001C	MW	12-Sep-96	OT-F029801	E504 (EDB)	126.8	139	138.5	-11.7	-11.7	ND			
90JB0001C	MW	12-Sep-96	OT-F029802	E524.2 (VOC)	126.8	139	138.5	-11.7	-11.7		ND	ND	
90JB0001D	MW	21-Nov-96	OT-F021701	E504.1 (EDB)	126.8	163	162.5	-35.7	-35.7	ND			

TABLE 5-2
FS-12 PRECONSTRUCTION INVESTIGATION, LABORATORY ANALYTICAL RESULTS, VOCs and EDB

LOCATION	SAMPLE TYPE	DATE SAMPLED	CONTROL NUMBER	LABORATORY METHOD	GROUND SURFACE (ft msl)	DTOS (ft)	DBOS (ft)	ETOS (ft msl)	EBOS (ft msl)	EDB (ppb)	BENZ (ppb)	TEX++ (ppb)	COMMENT
90JB0001D	MW	21-Nov-96	OT-F021702	E524.2 (VOC)	126.8	163	162.5	-35.7	-35.7		ND	ND	
90JB0004A	MW	22-Nov-96	OT-F021802	E504.1 (EDB)	133.3	132	132	1.3	1.3	ND			
90JB0004A	MW	22-Nov-96	OT-F021804	E524.2 (VOC)	133.3	132	132	1.3	1.3		ND	ND	
90JB0004A	MW	22-Nov-96	OT-F021801	M8015D (DRO)	133.3	132	132	1.3	1.3				
90JB0004A	MW	22-Nov-96	OT-F021803	M8015V (GRO)	133.3	132	132	1.3	1.3				
90JB0004C	MW	22-Nov-96	OT-F022802	E504.1 (EDB)	133.1	100	100	33.1	33.1	ND			
90JB0004C	MW	22-Nov-96	OT-F022804	E524.2 (VOC)	133.1	100	100	33.1	33.1		ND	ND	111TCA=.33 ppb
90MW0003	MW	12-Nov-96	OT-F012901	E504.1 (EDB)	156.9	144	149	12.9	7.9	97			
90MW0003	MW	12-Nov-96	OT-F012902	E524.2 (VOC)	156.9	153	152.5	4.4	4.4	92	1500	287	Naphth=92 ppb
90MW0004	MW	12-Nov-96	OT-F013001	E504.1 (EDB)	80.5	83	88	-2.5	-7.5	ND			
90MW0004	MW	12-Nov-96	OT-F013002	E524.2 (VOC)	80.5	83	88	-2.5	-7.5		ND	0.3	Naphth=0.7 ppb
90MW0014	MW	30-Jan-97	OT-F037701	E504.1 (EDB)	96.1	103	108	-6.9	-11.9	ND			
90MW0014	MW	30-Jan-97	OT-F037702	E524.2 (VOC)	96.1	103	108	-6.9	-11.9		ND	ND	
90MW0015	MW	18-Nov-96	OT-F018001	E504.1 (EDB)	79.2	97	101.5	-17.3	-22.3	ND			
90MW0015	MW	18-Nov-96	OT-F018002	E524.2 (VOC)	79.2	97	101.5	-17.3	-22.3		1	1.6	
90MW0020	MW	16-Sep-96		E504.1 (EDB)	140	148	153	-8.5	-13.5	76			
90MW0020	MW	16-Sep-96		E524.2 (VOC)	140	148	153	-8.5	-13.5	150	1300	9	
90MW0021	MW	30-Jan-97	OT-F037601	E504.1 (EDB)	120.7	127	132	-6.3	-11.3	ND			
90MW0021	MW	30-Jan-97	OT-F037602	E524.2 (VOC)	120.7	127	132	-6.3	-11.3		ND	ND	TCE=.10 ppb
90MW0022	MW	30-Jan-97	OT-F037901	E504.1 (EDB)	105.1	112	117	-6.9	-11.9	ND			
90MW0022	MW	30-Jan-97	OT-F037902	E524.2 (VOC)	105.1	112	117	-6.9	-11.9		ND	ND	TCE=.085 ppb
90MW0026	MW	05-Nov-96	OT-F009901	E504.1 (EDB)	138.2	147	151.5	-8.3	-13.3	1.5			
90MW0026	MW	05-Nov-96	OT-F009902	E524.2 (VOC)	138.2	147	151.5	-8.3	-13.3	1.7	ND	ND	
90MW0029B	MW	22-Nov-96	OT-F022602	E504.1 (EDB)	150.2	222	232	-71.8	-81.8	ND			
90MW0029B	MW	22-Nov-96	OT-F022604	E524.2 (VOC)	150.2	222	232	-71.8	-81.8		ND	ND	
90MW0029B	MW	22-Nov-96	OT-F022601	M8015D (DRO)	150.2	230	230	-79.8	-79.8				
90MW0029B	MW	22-Nov-96	OT-F022603	M8015V (GRO)	150.2	230	230	-79.8	-79.8				
90MW0033	MW	20-Nov-96	OT-F020201	E504.1 (EDB)	152.1	155	160	-2.9	-7.9	ND			
90MW0033	MW	20-Nov-96	OT-F020203	E504.1 (EDB)	152.1	155	160	-2.9	-7.9	ND			
90MW0033	MW	20-Nov-96	OT-F020202	E524.2 (VOC)	152.1	155	160	-2.9	-7.9		ND	ND	
90MW0033	MW	20-Nov-96	OT-F020204	E524.2 (VOC)	152.1	155	160	-2.9	-7.9		ND	ND	
90MW0033	MW	20-Nov-96	OT-F020205	M8015D (DRO)	152.1	164	163.5	-11.4	-11.4				
90MW0033	MW	20-Nov-96	OT-F020207	M8015D (DRO)	152.1	164	163.5	-11.4	-11.4				
90MW0033	MW	20-Nov-96	OT-F020206	M8015V (GRO)	152.1	164	163.5	-11.4	-11.4				
90MW0033	MW	20-Nov-96	OT-F020208	M8015V (GRO)	152.1	164	163.5	-11.4	-11.4				
90MW0034	MW	06-Nov-96	OT-F011501	E504.1 (EDB)	131.1	94	98.6	37.5	32.5	ND			
90MW0034	MW	06-Nov-96	OT-F011502	E524.2 (VOC)	131.1	94	98.6	37.5	32.5		15	666	Naphth= 110 ppb
90MW0035	MW	06-Nov-96	OT-F011601	E504.1 (EDB)	90.8	125	129.5	-33.7	-38.7	ND			
90MW0035	MW	06-Nov-96	OT-F011602	E524.2 (VOC)	90.8	125	129.5	-33.7	-38.7		ND	ND	
90MW0038	MW	30-Jan-97	OT-F038101	E504.1 (EDB)	141.1	99	103.9	42.2	37.2	ND			
90MW0038	MW	30-Jan-97	OT-F038102	E524.2 (VOC)	141.1	99	103.9	42.2	37.2		ND	0.1	
90MW0042	MW	15-Nov-96	OT-F017801	E504.1 (EDB)	151.3	152	155.2	-0.9	-3.9	ND			
90MW0042	MW	15-Nov-96	OT-F017802	E524.2 (VOC)	151.3	152	155.2	-0.9	-3.9		ND	ND	
90MW0043	MW		OT-F020101	E504.1 (EDB)	151.3	220	220	-68.7	-68.7				
90MW0043	MW		OT-F020102	E524.2 (VOC)	151.3	220	220	-68.7	-68.7				
90MW0047	MW	13-Nov-96	OT-F015303	E504.1 (EDB)	137.8	184	189.4	-46.6	-51.6	ND			
90MW0047	MW	13-Nov-96	OT-F015304	E524.2 (VOC)	137.8	184	189.4	-46.6	-51.6		ND	ND	

TABLE 5-2
FS-12 PRECONSTRUCTION INVESTIGATION, LABORATORY ANALYTICAL RESULTS, VOCs and EDB

LOCATION	SAMPLE TYPE	DATE SAMPLED	CONTROL NUMBER	LABORATORY METHOD	GROUND SURFACE (ft msl)	DTOS (ft)	DBOS (ft)	ETOS (ft msl)	EBOS (ft msl)	EDB (ppb)	BENZ (ppb)	TEX++ (ppb)	COMMENT
90MW0047	MW	13-Nov-96	OT-F015301	M8015D (DRO)	137.8	193	192.5	-54.7	-54.7				
90MW0047	MW	13-Nov-96	OT-F015302	M8015V (GRO)	137.8	193	192.5	-54.7	-54.7				
90MW0049	MW	13-Nov-96	OT-F015403	E504.1 (EDB)	81	174	179	-93	-98	ND			
90MW0049	MW	13-Nov-96	OT-F015404	E524.2 (VOC)	81	174	179	-93	-98		ND	ND	
90MW0049	MW	13-Nov-96	OT-F015401	M8015D (DRO)	81	179	179	-98	-98				
90MW0049	MW	13-Nov-96	OT-F015402	M8015V (GRO)	81	179	179	-98	-98				
90MW0050	MW	14-Nov-96	OT-E074901	E504.1 (EDB)	83	89	94	-5.5	-11	0.22			
90MW0050	MW	14-Nov-96	OT-E074902	E524.2 (VOC)	83	89	94	-5.5	-11		ND	ND	
90MW0053	MW	05-Nov-96	OT-F009801	E504.1 (EDB)	150	189	194	-39	-44	0.006			
90MW0053	MW	05-Nov-96	OT-F009802	E524.2 (VOC)	150	189	194	-39	-44		ND	ND	
90MW0054	MW	14-Nov-96	OT-E075001	E504.1 (EDB)	83.8	101	106.4	-17.6	-22.6	ND			
90MW0054	MW	14-Nov-96	OT-E075002	E524.2 (VOC)	83.8	101	106.4	-17.6	-22.6		ND	ND	
90MW0058	MW	04-Nov-96	OT-F009701	E504.1 (EDB)	98.8	152	152	-53.2	-53.2	ND			
90MW0058	MW	04-Nov-96	OT-F009702	E524.2 (VOC)	98.8	152	152	-53.2	-53.2		ND	ND	
90MW0057	MW	04-Nov-96	OT-F009601	E504.1 (EDB)	123.6	175	180	-51.4	-56.4	ND			
90MW0057	MW	04-Nov-96	OT-F009602	E524.2 (VOC)	123.6	175	180	-51.4	-56.4		ND	ND	
90MW0059	SHSA	04-Oct-96	OT-F000101	E504.1 (EDB)	135.5	90	95	45.5	40.5	ND			
90MW0059	SHSA	04-Oct-96	OT-F000102	E524.2 (VOC)	135.5	90	95	45.5	40.5		ND	ND	
90MW0059	SHSA	04-Oct-96	OT-F000103	E504.1 (EDB)	135.5	105	115	30.5	20.5	ND			
90MW0059	SHSA	04-Oct-96	OT-F000104	E524.2 (VOC)	135.5	105	115	30.5	20.5		ND	ND	
90MW0059	SHSA	04-Oct-96	OT-F000105	E504.1 (EDB)	135.5	120	125	15.5	10.5	ND			
90MW0059	SHSA	04-Oct-96	OT-F000106	E524.2 (VOC)	135.5	120	125	15.5	10.5		ND	2.9	
90MW0059	SHSA	07-Oct-96	OT-F002002	E504.1 (EDB)	135.5	135	140	0.5	-4.5	0.896			
90MW0059	SHSA	07-Oct-96	OT-F002001	E524.2 (VOC)	135.5	135	140	0.5	-4.5		ND	ND	
90MW0059	SHSA	07-Oct-96	OT-F000201	E504.1 (EDB)	135.5	150	155	-14.5	-19.5	170			
90MW0059	SHSA	07-Oct-96	OT-F000202	E524.2 (VOC)	135.5	150	155	-14.5	-19.5		1400	ND	
90MW0059	SHSA	07-Oct-96	OT-F000203	E504.1 (EDB)	135.5	165	170	-29.5	-34.5	70			
90MW0059	SHSA	07-Oct-96	OT-F000204	E524.2 (VOC)	135.5	165	170	-29.5	-34.5		320	ND	
90MW0060	SHSA	14-Oct-96	OT-F000501	E504.1 (EDB)	150.6	100	105	50.6	45.6	ND			
90MW0060	SHSA	14-Oct-96	OT-F000502	SW8010/SW802	150.6	100	105	50.6	45.6		ND	ND	
90MW0060	SHSA	14-Oct-96	OT-F000601	E504.1 (EDB)	150.6	110	115	40.6	35.6	0.022			
90MW0060	SHSA	14-Oct-96	OT-F000603	E504.1 (EDB)	150.6	110	115	40.6	35.6	ND			
90MW0060	SHSA	14-Oct-96	OT-F000602	SW8010/SW802	150.6	110	115	40.6	35.6		ND	ND	
90MW0060	SHSA	14-Oct-96	OT-F000604	SW8010/SW802	150.6	110	115	40.6	35.6		ND	ND	
90MW0060	SHSA	14-Oct-96	OT-F000701	E504.1 (EDB)	150.6	120	125	30.6	25.6	ND			
90MW0060	SHSA	14-Oct-96	OT-F000702	SW8010/SW802	150.6	120	125	30.6	25.6		ND	ND	
90MW0060	SHSA	14-Oct-96	OT-F000801	E504.1 (EDB)	150.6	130	135	20.6	15.6	ND			
90MW0060	SHSA	14-Oct-96	OT-F000802	SW8010/SW802	150.6	130	135	20.6	15.6		ND	ND	
90MW0060	SHSA	14-Oct-96	OT-F000901	E504.1 (EDB)	150.6	140	145	10.6	5.6	ND			
90MW0060	SHSA	14-Oct-96	OT-F000902	SW8010/SW802	150.6	140	145	10.6	5.6		ND		
90MW0060	MW	19-Nov-96	OT-F018801	E504.1 (EDB)	150.6	150	149.5	1.1	1.1	ND			
90MW0060	MW	19-Nov-96	OT-F018802	E524.2 (VOC)	150.6	141	146	9.6	4.6		ND	ND	
90MW0060	SHSA	14-Oct-96	OT-F001001	E504.1 (EDB)	150.6	141	146	9.6	4.6	ND			
90MW0060	SHSA	14-Oct-96	OT-F001002	SW8010/SW802	150.6	150	155	0.6	-4.4		ND		
90MW0060	SHSA	15-Oct-96	OT-F001101	E504.1 (EDB)	150.6	160	165	-9.4	-14.4	ND			
90MW0060	SHSA	15-Oct-96	OT-F001102	SW8010/SW802	150.6	160	165	-9.4	-14.4		2.3	ND	
90MW0060	SHSA	15-Oct-96	OT-F001301	E504.1 (EDB)	150.6	170	175	-19.4	-24.4	0.102			

TABLE 5-2
FS-12 PRECONSTRUCTION INVESTIGATION, LABORATORY ANALYTICAL RESULTS, VOCs and EDB

LOCATION	SAMPLE TYPE	DATE SAMPLED	CONTROL NUMBER	LABORATORY METHOD	GROUND SURFACE (ft msl)	DTOS (ft)	DBOS (ft)	ETOS (ft msl)	EBOS (ft msl)	EDB (ppb)	BENZ (ppb)	TEX++ (ppb)	COMMENT
90MW0060	SHSA	15-Oct-96	OT-F001302	SW8010/SW802	150.6	170	175	-19.4	-24.4		ND	ND	
90MW0060	SHSA	15-Oct-96	OT-F001303	E504.1 (EDB)	150.6	180	185	-29.4	-34.4	0.082			
90MW0060	SHSA	15-Oct-96	OT-F001304	SW8010/SW802	150.6	180	185	-29.4	-34.4		ND	ND	
90MW0060	SHSA	15-Oct-96	OT-F001305	E504.1 (EDB)	150.6	190	195	-39.4	-44.4	0.007			
90MW0060	SHSA	15-Oct-96	OT-F001306	SW8010/SW802	150.6	190	195	-39.4	-44.4		ND	ND	
90MW0061	SHSA	30-Oct-96	OT-F005001	E504.1 (EDB)	158.3	100	105	58.3	53.3	ND			
90MW0061	SHSA	30-Oct-96	OT-F005003	E504.1 (EDB)	158.3	100	105	58.3	53.3	ND			
90MW0061	SHSA	30-Oct-96	OT-F005002	SW8010/SW802	158.3	100	105	58.3	53.3		ND	ND	
90MW0061	SHSA	30-Oct-96	OT-F005004	SW8010/SW802	158.3	100	105	58.3	53.3		ND	ND	
90MW0061	SHSA	30-Oct-96	OT-F005101	E504.1 (EDB)	158.3	110	115	48.3	43.3	ND			
90MW0061	SHSA	30-Oct-96	OT-F005102	SW8010/SW802	158.3	110	115	48.3	43.3		ND	ND	
90MW0061	SHSA	30-Oct-96	OT-F005301	E504.1 (EDB)	158.3	130	135	28.3	23.3	ND			
90MW0061	SHSA	30-Oct-96	OT-F005302	SW8010/SW802	158.3	130	135	28.3	23.3		ND	ND	
90MW0061	SHSA	30-Oct-96	OT-F005401	E504.1 (EDB)	158.3	140	145	18.3	13.3	ND			
90MW0061	SHSA	30-Oct-96	OT-F005402	SW8010/SW802	158.3	140	145	18.3	13.3		ND	15.3	
90MW0061	SHSA	30-Oct-96	OT-F005501	E504.1 (EDB)	158.3	150	155	8.3	3.3	ND			
90MW0061	SHSA	30-Oct-96	OT-F005502	SW8010/SW802	158.3	150	155	8.3	3.3		2.3	28.3	
90MW0061	MW	19-Nov-96	OT-F019901	E504.1 (EDB)	158.3	157	157	1.3	1.3	ND			
90MW0061	MW	19-Nov-96	OT-F019902	E524.2 (VOC)	158.3	157	157	1.3	1.3		0.3	53	
90MW0061	SHSA	30-Oct-96	OT-F005601	E504.1 (EDB)	158.3	160	165	-1.7	-6.7	ND			
90MW0061	SHSA	30-Oct-96	OT-F005602	SW8010/SW802	158.3	160	165	-1.7	-6.7		ND	13.4	
90MW0061	SHSA	30-Oct-96	OT-F005701	E504.1 (EDB)	158.3	180	185	-21.7	-26.7	ND			
90MW0061	SHSA	30-Oct-96	OT-F005702	SW8010/SW802	158.3	180	185	-21.7	-26.7		ND	3.6	
90MW0062	SHSA	31-Oct-96	OT-F008101	E504.1 (EDB)	122.5	85	90	37.5	32.5	ND			
90MW0062	SHSA	31-Oct-96	OT-F008102	SW8010/SW802	122.5	85	90	37.5	32.5		4	ND	
90MW0062	SHSA	31-Oct-96	OT-F008201	E504.1 (EDB)	122.5	95	100	27.5	22.5	ND			
90MW0062	SHSA	31-Oct-96	OT-F008202	SW8010/SW802	122.5	95	100	27.5	22.5		ND	ND	
90MW0062	SHSA	31-Oct-96	OT-F008301	E504.1 (EDB)	122.5	105	110	17.5	12.5	ND			
90MW0062	SHSA	31-Oct-96	OT-F008302	SW8010/SW802	122.5	105	110	17.5	12.5		ND	ND	
90MW0062	SHSA	01-Nov-96	OT-F008401	E504.1 (EDB)	122.5	115	120	7.5	2.5	ND			
90MW0062	SHSA	01-Nov-96	OT-F008402	SW8010/SW802	122.5	115	120	7.5	2.5		ND	ND	
90MW0062	SHSA	01-Nov-96	OT-F008501	E504.1 (EDB)	122.5	125	130	-2.5	-7.5	ND			
90MW0062	SHSA	01-Nov-96	OT-F008503	E504.1 (EDB)	122.5	125	130	-2.5	-7.5	ND			
90MW0062	SHSA	01-Nov-96	OT-F008502	SW8010/SW802	122.5	125	130	-2.5	-7.5		ND	ND	
90MW0062	SHSA	01-Nov-96	OT-F008504	SW8010/SW802	122.5	125	130	-2.5	-7.5		ND	ND	
90MW0062	SHSA	01-Nov-96	OT-F008601	E504.1 (EDB)	122.5	135	140	-12.5	-17.5	ND			
90MW0062	SHSA	01-Nov-96	OT-F008602	SW8010/SW802	122.5	135	140	-12.5	-17.5		ND	ND	
90MW0062	SHSA	01-Nov-96	OT-F008701	E504.1 (EDB)	122.5	145	150	-22.5	-27.5	ND			
90MW0062	SHSA	01-Nov-96	OT-F008702	SW8010/SW802	122.5	145	150	-22.5	-27.5		ND	ND	
90MW0062	SHSA	01-Nov-96	OT-F008801	E504.1 (EDB)	122.5	155	160	-32.5	-37.5	ND			
90MW0062	SHSA	01-Nov-96	OT-F008802	SW8010/SW802	122.5	155	160	-32.5	-37.5		ND	ND	
90MW0062	SHSA	04-Nov-96	OT-F008901	E504.1 (EDB)	122.5	175	180	-52.5	-57.5	ND			
90MW0062	SHSA	04-Nov-96	OT-F008902	SW8010/SW802	122.5	175	180	-52.5	-57.5		ND	ND	
90MW0063	MW	20-Nov-96	OT-F020401	E504.1 (EDB)	85.9	53	53	32.9	32.9	ND			
90MW0063	MW	20-Nov-96	OT-F020402	E524.2 (VOC)	85.9	53	53	32.9	32.9		ND	ND	
90MW0063	MW	20-Nov-96	OT-F020403	M8015D (DRO)	85.9	53	53	32.9	32.9				
90MW0063	MW	20-Nov-96	OT-F020404	M8015V (GRO)	85.9	53	53	32.9	32.9				

TABLE 5-2
FS-12 PRECONSTRUCTION INVESTIGATION, LABORATORY ANALYTICAL RESULTS, VOCs and EDB

LOCATION	SAMPLE TYPE	DATE SAMPLED	CONTROL NUMBER	LABORATORY METHOD	GROUND SURFACE (ft msl)	DTOS (ft)	DBOS (ft)	ETOS (ft msl)	EBOS (ft msl)	EDB (ppb)	BENZ (ppb)	TEX++ (ppb)	COMMENT
90MW0063	SHSA	24-Oct-96	OT-F004801	E504.1 (EDB)	85.9	80	85	5.9	0.9	ND			
90MW0063	SHSA	24-Oct-96	OT-F004802	SW8010/SW802	85.9	80	85	5.9	0.9		ND	ND	
90MW0063	SHSA	24-Oct-96	OT-F004701	E504.1 (EDB)	85.9	90	95	-4.1	-9.1	ND			
90MW0063	SHSA	24-Oct-96	OT-F004702	SW8010/SW802	85.9	90	95	-4.1	-9.1		ND	ND	
90MW0063	SHSA	24-Oct-96	OT-F004601	E504.1 (EDB)	85.9	100	105	-14.1	-19.1	ND			
90MW0063	SHSA	24-Oct-96	OT-F004602	E524.2 (VOC)	85.9	100	105	-14.1	-19.1		ND	ND	
90MW0063	SHSA	24-Oct-96	OT-F004501	E504.1 (EDB)	85.9	110	115	-24.1	-29.1	ND			
90MW0063	SHSA	24-Oct-96	OT-F004502	SW8010/SW802	85.9	110	115	-24.1	-29.1		ND	ND	
90MW0063	SHSA	24-Oct-96	OT-F004401	E504.1 (EDB)	85.9	120	125	-34.1	-39.1	ND			
90MW0063	SHSA	24-Oct-96	OT-F004402	SW8010/SW802	85.9	120	125	-34.1	-39.1		ND	ND	
90MW0063	SHSA	24-Oct-96	OT-F004301	E504.1 (EDB)	85.9	130	135	-44.1	-49.1	ND			
90MW0063	SHSA	24-Oct-96	OT-F004302	SW8010/SW802	85.9	130	135	-44.1	-49.1		ND	ND	
90MW0063	SHSA	24-Oct-96	OT-F004202	E504.1 (EDB)	85.9	140	145	-54.1	-59.1	ND			
90MW0063	SHSA	24-Oct-96	OT-F004201	SW8010/SW802	85.9	140	145	-54.1	-59.1		ND	ND	
90MW0063	SHSA	24-Oct-96	OT-F004102	E504.1 (EDB)	85.9	150	155	-64.1	-69.1	ND			
90MW0063	SHSA	24-Oct-96	OT-F004101	SW8010/SW802	85.9	150	155	-64.1	-69.1		ND	ND	
90MW0063	SHSA	24-Oct-96	OT-F003902	E504.1 (EDB)	85.9	160	165	-74.1	-79.1	ND			
90MW0063	SHSA	24-Oct-96	OT-F003904	E504.1 (EDB)	85.9	160	165	-74.1	-79.1	ND			
90MW0063	SHSA	24-Oct-96	OT-F003901	SW8010/SW802	85.9	160	165	-74.1	-79.1		ND	ND	
90MW0063	SHSA	24-Oct-96	OT-F003903	SW8010/SW802	85.9	160	165	-74.1	-79.1		ND	ND	
90MW0063	SHSA	25-Oct-96	OT-F006201	E504.1 (EDB)	85.9	170	175	-84.1	-89.1	ND			
90MW0063	SHSA	25-Oct-96	OT-F006202	SW8010/SW802	85.9	170	175	-84.1	-89.1		ND	ND	
90MW0064	SHSA	14-Nov-96	OT-F016001	E504.1 (EDB)	143.3	85	90	58.3	53.3	0.009			
90MW0064	SHSA	14-Nov-96	OT-F016003	E504.1 (EDB)	143.3	85	90	58.3	53.3	0.006			
90MW0064	SHSA	14-Nov-96	OT-F016002	E524.2 (VOC)	143.3	85	90	58.3	53.3		ND	ND	
90MW0064	SHSA	14-Nov-96	OT-F016004	E524.2 (VOC)	143.3	85	90	58.3	53.3		ND	ND	
90MW0064	SHSA	14-Nov-96	OT-F016005	E504.1 (EDB)	143.3	95	100	48.3	43.3	ND			
90MW0064	SHSA	14-Nov-96	OT-F016006	E524.2 (VOC)	143.3	95	100	48.3	43.3		ND	ND	
90MW0064	SHSA	14-Nov-96	OT-F016007	E504.1 (EDB)	143.3	105	110	38.3	33.3	ND			
90MW0064	SHSA	14-Nov-96	OT-F016008	E524.2 (VOC)	143.3	105	110	38.3	33.3		ND	ND	
90MW0064	SHSA	14-Nov-96	OT-F016101	E504.1 (EDB)	143.3	115	120	28.3	23.3	ND			
90MW0064	SHSA	14-Nov-96	OT-F016102	E524.2 (VOC)	143.3	115	120	28.3	23.3		ND	ND	
90MW0064	SHSA	14-Nov-96	OT-F016103	E504.1 (EDB)	143.3	125	130	18.3	13.3	0.006			
90MW0064	SHSA	14-Nov-96	OT-F016104	E524.2 (VOC)	143.3	125	130	18.3	13.3		ND	ND	
90MW0064	SHSA	15-Nov-96	OT-F016201	E504.1 (EDB)	143.3	135	140	8.3	3.3	0.012			
90MW0064	SHSA	15-Nov-96	OT-F016202	E524.2 (VOC)	143.3	135	140	8.3	3.3		ND	ND	
90MW0064	SHSA	15-Nov-96	OT-F016203	E504.1 (EDB)	143.3	145	150	-1.7	-6.7	ND			
90MW0064	SHSA	15-Nov-96	OT-F016204	E524.2 (VOC)	143.3	145	150	-1.7	-6.7		ND	ND	
90MW0064	SHSA	15-Nov-96	OT-F016205	E504.1 (EDB)	143.3	155	160	-11.7	-16.7	ND			
90MW0064	SHSA	15-Nov-96	OT-F016206	E524.2 (VOC)	143.3	155	160	-11.7	-16.7		ND	ND	
90MW0064	SHSA	15-Nov-96	OT-F016207	E504.1 (EDB)	143.3	165	170	-21.7	-26.7	ND			
90MW0064	SHSA	15-Nov-96	OT-F016208	E524.2 (VOC)	143.3	165	170	-21.7	-26.7		ND	ND	
90MW0064	SHSA	21-Nov-96	OT-F016301	E504.1 (EDB)	143.3	175	180	-31.7	-36.7	ND			
90MW0064	SHSA	21-Nov-96	OT-F016302	E524.2 (VOC)	143.3	175	180	-31.7	-36.7		ND	ND	
90MW0064	SHSA	21-Nov-96	OT-F016303	E504.1 (EDB)	143.3	185	190	-41.7	-46.7	ND			
90MW0064	SHSA	21-Nov-96	OT-F016304	E524.2 (VOC)	143.3	185	190	-41.7	-46.7		ND	ND	
90MW0064	SHSA	21-Nov-96	OT-F016305	E504.1 (EDB)	143.3	195	200	-51.7	-56.7	ND			

TABLE 5-2
FS-12 PRECONSTRUCTION INVESTIGATION, LABORATORY ANALYTICAL RESULTS, VOCs and EDB

LOCATION	SAMPLE TYPE	DATE SAMPLED	CONTROL NUMBER	LABORATORY METHOD	GROUND SURFACE (ft msl)	DTOS (ft)	DBOS (ft)	ETOS (ft msl)	EBOS (ft msl)	EDB (ppb)	BENZ (ppb)	TEX (ppb)	COMMENT
90MW0064	SHSA	21-Nov-96	OT-F016306	E524.2 (VOC)	143.3	195	200	-51.7	-56.7		ND	ND	
90MW0064	SHSA	21-Nov-96	OT-F016307	E504.1 (EDB)	143.3	205	210	-61.7	-66.7	ND			
90MW0064	SHSA	21-Nov-96	OT-F016308	E524.2 (VOC)	143.3	205	210	-61.7	-66.7		ND	ND	
90MW0065	SHSA	21-Nov-96	OT-F018101	E504.1 (EDB)	150.1	90	95	60.1	55.1	ND			
90MW0065	SHSA	21-Nov-96	OT-F018102	E524.2 (VOC)	150.1	90	95	60.1	55.1		ND	ND	
90MW0065	SHSA	21-Nov-96	OT-F018103	E504.1 (EDB)	150.1	100	105	50.1	45.1	ND			
90MW0065	SHSA	21-Nov-96	OT-F018104	E524.2 (VOC)	150.1	100	105	50.1	45.1		ND	ND	
90MW0065	SHSA	21-Nov-96	OT-F018105	E504.1 (EDB)	150.1	110	115	40.1	35.1	ND			
90MW0065	SHSA	21-Nov-96	OT-F018106	E524.2 (VOC)	150.1	110	115	40.1	35.1		ND	ND	
90MW0065	SHSA	21-Nov-96	OT-F018107	E504.1 (EDB)	150.1	120	125	30.1	25.1	ND			
90MW0065	SHSA	21-Nov-96	OT-F018108	E524.2 (VOC)	150.1	120	125	30.1	25.1		ND	ND	
90MW0065	SHSA	21-Nov-96	OT-F018203	E504.1 (EDB)	150.1	130	135	20.1	15.1	0.006			
90MW0065	SHSA	21-Nov-96	OT-F018204	E524.2 (VOC)	150.1	130	135	20.1	15.1		ND	ND	
90MW0065	MW	09-Dec-96	OT-F029701	E504 (EDB)	150.1	133	133	17.6	17.1	ND			
90MW0065	MW	09-Dec-96	OT-F029702	E524.2 (VOC)	150.1	133	133	17.6	17.1		ND	ND	
90MW0065	SHSA	21-Nov-96	OT-F018205	E504.1 (EDB)	150.1	150	155	0.1	-4.9	ND			
90MW0065	SHSA	21-Nov-96	OT-F018206	E524.2 (VOC)	150.1	150	155	0.1	-4.9		ND	ND	
90MW0065	SHSA	21-Nov-96	OT-F018207	E504.1 (EDB)	150.1	160	165	-9.9	-14.9	ND			
90MW0065	SHSA	21-Nov-96	OT-F018208	E524.2 (VOC)	150.1	160	165	-9.9	-14.9		ND	ND	
90MW0065	SHSA	21-Nov-96	OT-F018301	E504.1 (EDB)	150.1	170	175	-19.9	-24.9	ND			
90MW0065	SHSA	21-Nov-96	OT-F018302	E524.2 (VOC)	150.1	170	175	-19.9	-24.9		ND	ND	
90MW0065	SHSA	21-Nov-96	OT-F018303	E504.1 (EDB)	150.1	180	185	-29.9	-34.9	ND			
90MW0065	SHSA	21-Nov-96	OT-F018304	E524.2 (VOC)	150.1	180	185	-29.9	-34.9		ND	ND	
90MW0065	SHSA	21-Nov-96	OT-F018305	E504.1 (EDB)	150.1	190	195	-39.9	-44.9	ND			
90MW0065	SHSA	21-Nov-96	OT-F018306	E524.2 (VOC)	150.1	190	195	-39.9	-44.9		ND	ND	
90MW0065	SHSA	21-Nov-96	OT-F018307	E504.1 (EDB)	150.1	200	205	-49.9	-54.9	ND			
90MW0065	SHSA	21-Nov-96	OT-F018308	E524.2 (VOC)	150.1	200	205	-49.9	-54.9		ND	ND	
90MW0066	SHSA	21-Nov-96	OT-F020601	E504.1 (EDB)	132.1	70	75	62.1	57.1	ND			
90MW0066	SHSA	21-Nov-96	OT-F020603	E504.1 (EDB)	132.1	70	75	62.1	57.1	ND			
90MW0066	SHSA	21-Nov-96	OT-F020602	E524.2 (VOC)	132.1	70	75	62.1	57.1		ND	ND	
90MW0066	SHSA	21-Nov-96	OT-F020604	E524.2 (VOC)	132.1	70	75	62.1	57.1		ND	ND	
90MW0066	SHSA	21-Nov-96	OT-F020605	E504.1 (EDB)	132.1	80	85	52.1	47.1	ND			
90MW0066	SHSA	21-Nov-96	OT-F020606	E524.2 (VOC)	132.1	80	85	52.1	47.1		ND	ND	
90MW0066	SHSA	21-Nov-96	OT-F020607	E504.1 (EDB)	132.1	90	95	42.1	37.1	ND			
90MW0066	SHSA	21-Nov-96	OT-F020608	E524.2 (VOC)	132.1	90	95	42.1	37.1		ND	ND	
90MW0066	SHSA	21-Nov-96	OT-F020701	E504.1 (EDB)	132.1	100	105	32.1	27.1	ND			
90MW0066	SHSA	21-Nov-96	OT-F020702	E524.2 (VOC)	132.1	100	105	32.1	27.1		ND	0.46	
90MW0066	SHSA	21-Nov-96	OT-F020703	E504.1 (EDB)	132.1	110	115	22.1	17.1	ND			
90MW0066	SHSA	21-Nov-96	OT-F020704	E524.2 (VOC)	132.1	110	115	22.1	17.1		ND	0.11	
90MW0066	SHSA	21-Nov-96	OT-F020705	E504.1 (EDB)	132.1	120	125	12.1	7.1	ND			
90MW0066	SHSA	21-Nov-96	OT-F020706	E524.2 (VOC)	132.1	120	125	12.1	7.1		ND	0.1	
90MW0066	SHSA	21-Nov-96	OT-F020707	E504.1 (EDB)	132.1	130	135	2.1	-2.9	ND			
90MW0066	SHSA	21-Nov-96	OT-F020708	E524.2 (VOC)	132.1	130	135	2.1	-2.9		ND	ND	
90MW0066	SHSA	22-Nov-96	OT-F020801	E504.1 (EDB)	132.1	140	145	-7.9	-12.9	0.047			
90MW0066	SHSA	22-Nov-96	OT-F020802	E524.2 (VOC)	132.1	140	145	-7.9	-12.9		ND	0.12	
90MW0066	SHSA	22-Nov-96	OT-F020901	E504.1 (EDB)	132.1	150	155	-17.9	-22.9	ND			
90MW0066	SHSA	22-Nov-96	OT-F020902	E524.2 (VOC)	132.1	150	155	-17.9	-22.9		ND	0.22	
90MW0066	SHSA	22-Nov-96	OT-F020903	E504.1 (EDB)	132.1	160	165	-27.9	-32.9	ND			

TABLE 5-2
FS-12 PRECONSTRUCTION INVESTIGATION, LABORATORY ANALYTICAL RESULTS, VOCs and EDB

LOCATION	SAMPLE TYPE	DATE SAMPLED	CONTROL NUMBER	LABORATORY METHOD	GROUND SURFACE (ft msl)	DTOS (ft)	DBOS (ft)	ETOS (ft msl)	EBOS (ft msl)	EDB (ppb)	BENZ (ppb)	TEX (ppb)	COMMENT
90MW0066	SHSA	22-Nov-96	OT-F020904	E524.2 (VOC)	132.1	160	165	-27.9	-32.9		ND	ND	
90MW0066	SHSA	22-Nov-96	OT-F020905	E504.1 (EDB)	132.1	170	175	-37.9	-42.9	ND			
90MW0066	SHSA	22-Nov-96	OT-F020906	E524.2 (VOC)	132.1	170	175	-37.9	-42.9		ND	ND	
90MW0066	SHSA	22-Nov-96	OT-F020907	E504.1 (EDB)	132.1	180	185	-47.9	-52.9	ND			
90MW0066	SHSA	22-Nov-96	OT-F020908	E524.2 (VOC)	132.1	180	185	-47.9	-52.9		ND	0.2	
90MW0066	SHSA	22-Nov-96	OT-F021001	E504.1 (EDB)	132.1	190	195	-57.9	-62.9	ND			
90MW0066	SHSA	22-Nov-96	OT-F021002	E524.2 (VOC)	132.1	190	195	-57.9	-62.9		ND	0.15	
90MW0066A	MW	11-Dec-96	OT-F029601	E504 (EDB)	132.1	140	150	-7.9	-17.9	0.034			
90MW0066A	MW	11-Dec-96	OT-F029602	E524.2 (VOC)	132.1	140	150	-7.9	-17.9		ND	ND	
90MW0067	SHSA	26-Nov-96	OT-F024701	E504 (EDB)	151.9	95	100	56.9	51.9	ND			
90MW0067	SHSA	26-Nov-96	OT-F024703	E504 (EDB)	151.9	95	100	56.9	51.9	ND			
90MW0067	SHSA	26-Nov-96	OT-F024702	E524.2 (VOC)	151.9	95	100	56.9	51.9		ND	0.4	
90MW0067	SHSA	26-Nov-96	OT-F024704	E524.2 (VOC)	151.9	95	100	56.9	51.9		ND	0.5	
90MW0067	SHSA	26-Nov-96	OT-F024705	E504 (EDB)	151.9	105	110	46.9	41.9	ND			
90MW0067	SHSA	26-Nov-96	OT-F024706	E524.2 (VOC)	151.9	105	110	46.9	41.9		ND	0.24	
90MW0067	SHSA	26-Nov-96	OT-F024707	E504 (EDB)	151.9	115	120	36.9	31.9	ND			
90MW0067	SHSA	26-Nov-96	OT-F024708	E524.2 (VOC)	151.9	115	120	36.9	31.9		ND	0.22	
90MW0067	SHSA	26-Nov-96	OT-F024801	E504 (EDB)	151.9	125	130	26.9	21.9	ND			
90MW0067	SHSA	26-Nov-96	OT-F024802	E524.2 (VOC)	151.9	125	130	26.9	21.9		ND	0.17	
90MW0067	SHSA	26-Nov-96	OT-F024803	E504 (EDB)	151.9	135	140	16.9	11.9	ND			
90MW0067	SHSA	26-Nov-96	OT-F024804	E524.2 (VOC)	151.9	135	140	16.9	11.9		ND	0.19	
90MW0067	SHSA	26-Nov-96	OT-F024805	E504 (EDB)	151.9	145	150	6.9	1.9	ND			
90MW0067	SHSA	26-Nov-96	OT-F024806	E524.2 (VOC)	151.9	145	150	6.9	1.9		ND	0.16	
90MW0067	SHSA	26-Nov-96	OT-F024807	E504 (EDB)	151.9	155	160	-3.1	-8.1	ND			
90MW0067	SHSA	26-Nov-96	OT-F024808	E524.2 (VOC)	151.9	155	160	-3.1	-8.1		ND	0.16	
90MW0067	SHSA	02-Dec-96	OT-F025201	E504 (EDB)	151.9	165	170	-13.1	-18.1	ND			
90MW0067	SHSA	02-Dec-96	OT-F025202	E524.2 (VOC)	151.9	165	170	-13.1	-18.1		ND	ND	
90MW0067	SHSA	02-Dec-96	OT-F025203	E504 (EDB)	151.9	175	180	-23.1	-28.1	ND			
90MW0067	SHSA	02-Dec-96	OT-F025204	E524.2 (VOC)	151.9	175	180	-23.1	-28.1		ND	ND	
90MW0067	SHSA	02-Dec-96	OT-F025205	E504 (EDB)	151.9	185	190	-33.1	-38.1	ND			
90MW0067	SHSA	02-Dec-96	OT-F025206	E524.2 (VOC)	151.9	185	190	-33.1	-38.1		ND	ND	
90MW0067	SHSA	02-Dec-96	OT-F025207	E504 (EDB)	151.9	195	200	-43.1	-48.1	ND			
90MW0067	SHSA	02-Dec-96	OT-F025208	E524.2 (VOC)	151.9	195	200	-43.1	-48.1		ND	ND	
90MW0067	SHSA	02-Dec-96	OT-F025301	E504 (EDB)	151.9	205	210	-53.1	-58.1	ND			
90MW0067	SHSA	02-Dec-96	OT-F025302	E524.2 (VOC)	151.9	205	210	-53.1	-58.1		ND	ND	
90MW0067	SHSA	02-Dec-96	OT-F025303	E504 (EDB)	151.9	215	220	-63.1	-68.1	ND			
90MW0067	SHSA	02-Dec-96	OT-F025304	E524.2 (VOC)	151.9	215	220	-63.1	-68.1		ND	ND	
90MW0068	SHSA	03-Dec-96	OT-F025701	E504.1 (EDB)	135.4	85	90	50.4	45.4	ND			
90MW0068	SHSA	03-Dec-96	OT-F025703	E504.1 (EDB)	135.4	85	90	50.4	45.4	ND			
90MW0068	SHSA	03-Dec-96	OT-F025702	E524.2 (VOC)	135.4	85	90	50.4	45.4		ND	ND	
90MW0068	SHSA	03-Dec-96	OT-F025704	E524.2 (VOC)	135.4	85	90	50.4	45.4		ND	ND	
90MW0068	SHSA	03-Dec-96	OT-F025705	E504.1 (EDB)	135.4	95	100	40.4	35.4	ND			
90MW0068	SHSA	03-Dec-96	OT-F025706	E524.2 (VOC)	135.4	95	100	40.4	35.4		ND	ND	
90MW0068	SHSA	03-Dec-96	OT-F025707	E504.1 (EDB)	135.4	105	110	30.4	25.4	ND			
90MW0068	SHSA	03-Dec-96	OT-F025708	E524.2 (VOC)	135.4	105	110	30.4	25.4		ND	0.14	
90MW0068	SHSA	03-Dec-96	OT-F025801	E504.1 (EDB)	135.4	115	120	20.4	15.4	ND			
90MW0068	SHSA	03-Dec-96	OT-F025802	E524.2 (VOC)	135.4	115	120	20.4	15.4		ND	ND	

TABLE 5-2
FS-12 PRECONSTRUCTION INVESTIGATION, LABORATORY ANALYTICAL RESULTS, VOCs and EDB

LOCATION	SAMPLE TYPE	DATE SAMPLED	CONTROL NUMBER	LABORATORY METHOD	GROUND SURFACE (ft msl)	DTOS (ft)	DBOS (ft)	ETOS (ft msl)	EBOS (ft msl)	EDB (ppb)	BENZ (ppb)	TEX++ (ppb)	COMMENT
90MW0068	SHSA	03-Dec-96	OT-F025803	E504.1 (EDB)	135.4	125	130	10.4	5.4	ND			
90MW0068	SHSA	03-Dec-96	OT-F025804	E524.2 (VOC)	135.4	125	130	10.4	5.4		ND	ND	
90MW0068	SHSA	03-Dec-96	OT-F025805	E504.1 (EDB)	135.4	135	140	0.4	-4.6	ND			
90MW0068	SHSA	03-Dec-96	OT-F025806	E524.2 (VOC)	135.4	135	140	0.4	-4.6		ND	ND	
90MW0068	SHSA	03-Dec-96	OT-F025807	E504.1 (EDB)	135.4	145	150	-9.6	-14.6	ND			
90MW0068	SHSA	03-Dec-96	OT-F025808	E524.2 (VOC)	135.4	145	150	-9.6	-14.6		ND	ND	
90MW0068	SHSA	03-Dec-96	OT-F025901	E504.1 (EDB)	135.4	155	160	-19.6	-24.6	ND			
90MW0068	SHSA	03-Dec-96	OT-F025902	E524.2 (VOC)	135.4	155	160	-19.6	-24.6		ND	ND	
90MW0068	SHSA	4-Dec-96	OT-F027301	E504 (EDB)	135.4	165	170	-29.6	-34.6	ND			
90MW0068	SHSA	4-Dec-96	OT-F027302	E524.2 (VOC)	135.4	165	170	-29.6	-34.6		ND	ND	
90MW0068	SHSA	4-Dec-96	OT-F027303	E504 (EDB)	135.4	175	180	-39.6	-44.6	ND			
90MW0068	SHSA	4-Dec-96	OT-F027304	E524.2 (VOC)	135.4	175	180	-39.6	-44.6		ND	ND	
90MW0068	SHSA	4-Dec-96	OT-F027305	E504 (EDB)	135.4	185	190	-49.6	-54.6	ND			
90MW0068	SHSA	4-Dec-96	OT-F027306	E524.2 (VOC)	135.4	185	190	-49.6	-54.6		ND	0.19	
90MW0068	SHSA	4-Dec-96	OT-F026001	E504.1 (EDB)	135.4	195	200	-59.6	-64.6	ND			
90MW0068	SHSA	4-Dec-96	OT-F026002	E524.2 (VOC)	135.4	195	200	-59.6	-64.6		ND	ND	
90MW0069	SHSA	4-Dec-96	OT-F026101	E504.1 (EDB)	87	20	25	67	62	ND			
90MW0069	SHSA	4-Dec-96	OT-F026103	E504.1 (EDB)	87	20	25	67	62	ND			
90MW0069	SHSA	4-Dec-96	OT-F026102	E524.2 (VOC)	87	20	25	67	62		ND	0.15	
90MW0069	SHSA	4-Dec-96	OT-F026104	E524.2 (VOC)	87	20	25	67	62		ND	0.18	
90MW0069	SHSA	4-Dec-96	OT-F026105	E504.1 (EDB)	87	30	35	57	52	ND			
90MW0069	SHSA	4-Dec-96	OT-F026106	E524.2 (VOC)	87	30	35	57	52		ND	0.27	
90MW0069	SHSA	4-Dec-96	OT-F026107	E504.1 (EDB)	87	40	45	47	42	ND			
90MW0069	SHSA	4-Dec-96	OT-F026108	E524.2 (VOC)	87	40	45	47	42		ND	0.13	
90MW0069	MW	30-Jan-97	OT-F037301	E504.1 (EDB)	88	49	54.4	38.6	33.6	ND			
90MW0069	MW	30-Jan-97	OT-F037302	E524.2 (VOC)	88	49	54.4	38.6	33.6		ND	ND	
90MW0069	SHSA	4-Dec-96	OT-F026201	E504.1 (EDB)	87	50	55	37	32	ND			
90MW0069	SHSA	4-Dec-96	OT-F026202	E524.2 (VOC)	87	50	55	37	32		ND	0.12	
90MW0069	SHSA	4-Dec-96	OT-F026203	E504.1 (EDB)	87	60	65	27	22	ND			
90MW0069	SHSA	4-Dec-96	OT-F026204	E524.2 (VOC)	87	60	65	27	22		ND	ND	
90MW0069	SHSA	4-Dec-96	OT-F026205	E504.1 (EDB)	87	70	75	17	12	ND			
90MW0069	SHSA	4-Dec-96	OT-F026206	E524.2 (VOC)	87	70	75	17	12		ND	ND	
90MW0069	SHSA	4-Dec-96	OT-F026207	E504.1 (EDB)	87	80	85	7	2	ND			
90MW0069	SHSA	4-Dec-96	OT-F026208	E524.2 (VOC)	87	80	85	7	2		ND	0.085	
90MW0069	SHSA	4-Dec-96	OT-F026301	E504.1 (EDB)	87	90	95	-3	-8	ND			
90MW0069	SHSA	4-Dec-96	OT-F026302	E524.2 (VOC)	87	90	95	-3	-8		ND	ND	
90MW0069	SHSA	4-Dec-96	OT-F026303	E504.1 (EDB)	87	100	105	-13	-18	ND			
90MW0069	SHSA	4-Dec-96	OT-F026304	E524.2 (VOC)	87	100	105	-13	-18		ND	ND	
90MW0069	SHSA	4-Dec-96	OT-F026305	E504.1 (EDB)	87	110	115	-23	-28	ND			
90MW0069	SHSA	4-Dec-96	OT-F026306	E524.2 (VOC)	87	110	115	-23	-28		ND	0.098	
90MW0069	SHSA	5-Dec-96	OT-F026401	E504.1 (EDB)	87	120	125	-33	-38	ND			
90MW0069	SHSA	5-Dec-96	OT-F026402	E524.2 (VOC)	87	120	125	-33	-38		ND	ND	
90MW0069	SHSA	5-Dec-96	OT-F026403	E504.1 (EDB)	87	130	135	-43	-48	ND			
90MW0069	SHSA	5-Dec-96	OT-F026404	E524.2 (VOC)	87	130	135	-43	-48		ND	ND	
90MW0069	SHSA	5-Dec-96	OT-F026405	E504.1 (EDB)	87	140	145	-53	-58	ND			
90MW0069	SHSA	5-Dec-96	OT-F026406	E524.2 (VOC)	87	140	145	-53	-58		ND	ND	
90MW0069	SHSA	5-Dec-96	OT-F026407	E504.1 (EDB)	87	150	155	-63	-68	ND			

TABLE 5-2
FS-12 PRECONSTRUCTION INVESTIGATION, LABORATORY ANALYTICAL RESULTS, VOCs and EDB

LOCATION	SAMPLE TYPE	DATE SAMPLED	CONTROL NUMBER	LABORATORY METHOD	GROUND SURFACE (ft msl)	DTOS (ft)	DBOS (ft)	FTOS (ft msl)	EBOS (ft msl)	EDB (ppb)	BENZ (ppb)	TEX+ (ppb)	COMMENT
90MW0069	SHSA	5-Dec-96	OT-F026408	E524.2 (VOC)	87	150	155	-63	-68		ND	ND	
90MW0069	SHSA	5-Dec-96	OT-F028101	E504 (EDB)	87	160	165	-73	-78	ND			
90MW0069	SHSA	5-Dec-96	OT-F028102	E524.2 (VOC)	87	160	165	-73	-78		ND	ND	
90MW0069	SHSA	5-Dec-96	OT-F028103	E504 (EDB)	87	170	175	-83	-88	ND			
90MW0069	SHSA	5-Dec-96	OT-F028104	E524.2 (VOC)	87	170	175	-83	-88		ND	ND	
90MW0069	SHSA	5-Dec-96	OT-F028105	E504 (EDB)	87	180	185	-93	-98	ND			
90MW0069	SHSA	5-Dec-96	OT-F028106	E524.2 (VOC)	87	180	185	-93	-98		ND	ND	
90MW0069	SHSA	6-Dec-96	OT-F028201	E504 (EDB)	87	190	195	-103	-108	ND			
90MW0069	SHSA	6-Dec-96	OT-F028202	E524.2 (VOC)	87	190	195	-103	-108		ND	0.42	
90MW0070	SHSA	6-Dec-96	OT-F026501	E504 (EDB)	125.1	65	70	60.1	55.1	ND			
90MW0070	SHSA	6-Dec-96	OT-F026503	E504 (EDB)	125.1	65	70	60.1	55.1	ND			
90MW0070	SHSA	6-Dec-96	OT-F026502	E524.2 (VOC)	125.1	65	70	60.1	55.1		ND	ND	
90MW0070	SHSA	6-Dec-96	OT-F026504	E524.2 (VOC)	125.1	65	70	60.1	55.1		ND	ND	
90MW0070	SHSA	6-Dec-96	OT-F026505	E504 (EDB)	125.1	75	80	50.1	45.1	ND			
90MW0070	SHSA	6-Dec-96	OT-F026506	E524.2 (VOC)	125.1	75	80	50.1	45.1		ND	ND	
90MW0070	SHSA	6-Dec-96	OT-F026507	E504 (EDB)	125.1	85	90	40.1	35.1	ND			
90MW0070	SHSA	6-Dec-96	OT-F026508	E524.2 (VOC)	125.1	85	90	40.1	35.1		ND	0.29	
90MW0070	SHSA	6-Dec-96	OT-F026601	E504 (EDB)	125.1	95	100	30.1	25.1	ND			
90MW0070	SHSA	6-Dec-96	OT-F026602	E524.2 (VOC)	125.1	95	100	30.1	25.1		ND	0.1	
90MW0070	SHSA	6-Dec-96	OT-F026603	E504 (EDB)	125.1	105	110	20.1	15.1	ND			
90MW0070	SHSA	6-Dec-96	OT-F026604	E524.2 (VOC)	125.1	105	110	20.1	15.1		ND	ND	
90MW0070	SHSA	9-Dec-96	OT-F026701	E504 (EDB)	125.1	115	120	10.1	5.1	ND			
90MW0070	SHSA	9-Dec-96	OT-F026702	E524.2 (VOC)	125.1	115	120	10.1	5.1		ND	0.18	
90MW0070	SHSA	9-Dec-96	OT-F026703	E504 (EDB)	125.1	125	130	0.1	-4.9	ND			
90MW0070	SHSA	9-Dec-96	OT-F026704	E524.2 (VOC)	125.1	125	130	0.1	-4.9		ND	0.16	
90MW0070	SHSA	9-Dec-96	OT-F026705	E504 (EDB)	125.1	135	140	-9.9	-14.9	ND			
90MW0070	SHSA	9-Dec-96	OT-F026706	E524.2 (VOC)	125.1	135	140	-9.9	-14.9		ND	0.2	
90MW0070	SHSA	9-Dec-96	OT-F026707	E504 (EDB)	125.1	145	150	-19.9	-24.9	ND			
90MW0070	SHSA	9-Dec-96	OT-F026708	E524.2 (VOC)	125.1	145	150	-19.9	-24.9		ND	0.23	
90MW0070	SHSA	9-Dec-96	OT-F026801	E504 (EDB)	125.1	155	160	-29.9	-34.9	ND			
90MW0070	SHSA	9-Dec-96	OT-F026802	E524.2 (VOC)	125.1	155	160	-29.9	-34.9		ND	0.12	
90MW0070	MW	30-Jan-97	OT-F037401	E504.1 (EDB)	125.1	132	137	-46.5	-51.5	ND			
90MW0070	MW	30-Jan-97	OT-F037402	E524.2 (VOC)	125.1	132	137	-46.5	-51.5		ND	ND	TCE=.12 ppb
90MW0070	SHSA	9-Dec-96	OT-F026803	E504 (EDB)	125.1	175	180	-49.9	-54.9	ND			
90MW0070	SHSA	9-Dec-96	OT-F026804	E524.2 (VOC)	125.1	175	180	-49.9	-54.9		ND	0.28	
90MW0071	SHSA	12-Dec-96	OT-F028401	E504 (EDB)	138.4	90	95	48.4	43.4	ND			
90MW0071	SHSA	12-Dec-96	OT-F028403	E504 (EDB)	138.4	90	95	48.4	43.4	ND			
90MW0071	SHSA	12-Dec-96	OT-F028402	E524.2 (VOC)	138.4	90	95	48.4	43.4		ND	0.17	
90MW0071	SHSA	12-Dec-96	OT-F028404	E524.2 (VOC)	138.4	90	95	48.4	43.4		ND	0.14	
90MW0071	SHSA	12-Dec-96	OT-F028405	E504 (EDB)	138.4	100	105	38.4	33.4	ND			
90MW0071	SHSA	12-Dec-96	OT-F028406	E524.2 (VOC)	138.4	100	105	38.4	33.4		ND	0.12	
90MW0071	SHSA	12-Dec-96	OT-F028407	E504 (EDB)	138.4	110	115	28.4	23.4	ND			
90MW0071	SHSA	12-Dec-96	OT-F028408	E524.2 (VOC)	138.4	110	115	28.4	23.4		ND	0.89	PCE=0.12ppb, MTBE=.016 ppb
90MW0071	SHSA	12-Dec-96	OT-F028501	E504 (EDB)	138.4	120	125	18.4	13.4	ND			
90MW0071	SHSA	12-Dec-96	OT-F028502	E524.2 (VOC)	138.4	120	125	18.4	13.4		0.27	0.17	
90MW0071	SHSA	12-Dec-96	OT-F028503	E504 (EDB)	138.4	130	135	8.4	3.4	ND			
90MW0071	SHSA	12-Dec-96	OT-F028504	E524.2 (VOC)	138.4	130	135	8.4	3.4		0.18	0.37	

TABLE 5-2
FS-12 PRECONSTRUCTION INVESTIGATION, LABORATORY ANALYTICAL RESULTS, VOCs and EDB

LOCATION	SAMPLE TYPE	DATE SAMPLED	CONTROL NUMBER	LABORATORY METHOD	GROUND SURFACE (ft msl)	DTOS (ft)	DBOS (ft)	ETOS (ft msl)	EBOS (ft msl)	EDB (ppb)	BENZ (ppb)	TEX++ (ppb)	COMMENT
90MW0071	SHSA	12-Dec-96	OT-F028505	E504 (EDB)	138.4	140	145	-1.6	-6.6	ND			
90MW0071	SHSA	12-Dec-96	OT-F028506	E524.2 (VOC)	138.4	140	145	-1.6	-6.6		ND	0.22	
90MW0071	SHSA	12-Dec-96	OT-F028507	E504 (EDB)	138.4	150	155	-11.6	-16.6	ND			
90MW0071	SHSA	12-Dec-96	OT-F028508	E524.2 (VOC)	138.4	150	155	-11.6	-16.6		0.12	0.18	
90MW0071	SHSA	12-Dec-96	OT-F028601	E504 (EDB)	138.4	160	165	-21.6	-26.6	ND			
90MW0071	SHSA	12-Dec-96	OT-F028602	E524.2 (VOC)	138.4	160	165	-21.6	-26.6		ND	0.12	
90MW0071	MW	30-Jan-97	OT-F037501	E504.1 (EDB)	138.4	202	207.4	-64	-69	ND			
90MW0071	MW	30-Jan-97	OT-F037502	E524.2 (VOC)	138.4	202	207.4	-64	-69		ND	ND	
90MW0072A	MW	12-Dec-96	OT-F030101	E504 (EDB)	91	38	37.5	53.5	53.5	ND			
90MW0072A	MW	12-Dec-96	OT-F030102	E524.2 (VOC)	91	38	37.5	53.5	53.5		ND	ND	
90RW0006	SHSA	18-Nov-96	OT-F018901	E504.1 (EDB)	81.7	15	20	66.7	61.7	0.005			
90RW0006	SHSA	18-Nov-96	OT-F018903	E504.1 (EDB)	81.7	15	20	66.7	61.7	0.005			
90RW0006	SHSA	18-Nov-96	OT-F018902	E524.2 (VOC)	81.7	15	20	66.7	61.7		ND	ND	
90RW0006	SHSA	18-Nov-96	OT-F018904	E524.2 (VOC)	81.7	15	20	66.7	61.7		ND	ND	
90RW0006	SHSA	18-Nov-96	OT-F018905	E504.1 (EDB)	81.7	25	30	56.7	51.7	ND			
90RW0006	SHSA	18-Nov-96	OT-F018906	E524.2 (VOC)	81.7	25	30	56.7	51.7		ND	ND	
90RW0006	SHSA	18-Nov-96	OT-F018907	E504.1 (EDB)	81.7	35	40	46.7	41.7	ND			
90RW0006	SHSA	18-Nov-96	OT-F018908	E524.2 (VOC)	81.7	35	40	46.7	41.7		ND	ND	
90RW0006	SHSA	19-Nov-96	OT-F019001	E504.1 (EDB)	81.7	45	50	36.7	31.7	ND			
90RW0006	SHSA	19-Nov-96	OT-F019002	E524.2 (VOC)	81.7	45	50	36.7	31.7		ND	ND	
90RW0006	SHSA	19-Nov-96	OT-F019003	E504.1 (EDB)	81.7	55	60	26.7	21.7	ND			
90RW0006	SHSA	19-Nov-96	OT-F019004	E524.2 (VOC)	81.7	55	60	26.7	21.7		ND	ND	
90RW0006	SHSA	19-Nov-96	OT-F019005	E504.1 (EDB)	81.7	65	70	16.7	11.7	ND			
90RW0006	SHSA	19-Nov-96	OT-F019006	E524.2 (VOC)	81.7	65	70	16.7	11.7		ND	ND	
90RW0006	SHSA	19-Nov-96	OT-F019101	E504.1 (EDB)	81.7	75	80	6.7	1.7	ND			
90RW0006	SHSA	19-Nov-96	OT-F019102	E524.2 (VOC)	81.7	75	80	6.7	1.7		ND	ND	
90RW0006	SHSA	19-Nov-96	OT-F019103	E504.1 (EDB)	81.7	85	90	-3.3	-8.3	ND			
90RW0006	SHSA	19-Nov-96	OT-F019104	E524.2 (VOC)	81.7	85	90	-3.3	-8.3		ND	ND	
90RW0006	SHSA	19-Nov-96	OT-F019105	E504.1 (EDB)	81.7	95	100	-13.3	-18.3	ND			
90RW0006	SHSA	19-Nov-96	OT-F019106	E524.2 (VOC)	81.7	95	100	-13.3	-18.3		2.6	ND	
90RW0006	SHSA	19-Nov-96	OT-F019107	E504.1 (EDB)	81.7	105	110	-23.3	-28.3	ND			
90RW0006	SHSA	19-Nov-96	OT-F019108	E524.2 (VOC)	81.7	105	110	-23.3	-28.3		ND	ND	
90RW0006	SHSA	20-Nov-96	OT-F019201	E504.1 (EDB)	81.7	115	120	-33.3	-38.3	ND			
90RW0006	SHSA	20-Nov-96	OT-F019202	E524.2 (VOC)	81.7	115	120	-33.3	-38.3		ND	ND	
90RW0006	SHSA	20-Nov-96	OT-F019203	E504.1 (EDB)	81.7	125	130	-43.3	-48.3	ND			
90RW0006	SHSA	20-Nov-96	OT-F019204	E524.2 (VOC)	81.7	125	130	-43.3	-48.3		ND	ND	
90RW0006	SHSA	20-Nov-96	OT-F019205	E504.1 (EDB)	81.7	135	140	-53.3	-58.3	ND			
90RW0006	SHSA	20-Nov-96	OT-F019206	E524.2 (VOC)	81.7	135	140	-53.3	-58.3		ND	ND	
90RW0006	SHSA	20-Nov-96	OT-F019207	E504.1 (EDB)	81.7	145	150	-63.3	-68.3	ND			
90RW0006	SHSA	20-Nov-96	OT-F019208	E524.2 (VOC)	81.7	145	150	-63.3	-68.3		ND	ND	
90RW0010	SHSA	08-Nov-96	OT-F012401	E504.1 (EDB)	84.2	40	45	44.2	39.2	ND			
90RW0010	SHSA	08-Nov-96	OT-F012402	E524.2 (VOC)	84.2	40	45	44.2	39.2		ND	ND	
90RW0010	SHSA	08-Nov-96	OT-F012403	E504.1 (EDB)	84.2	40	45	44.2	39.2	ND			
90RW0010	SHSA	08-Nov-96	OT-F012404	E524.2 (VOC)	84.2	40	45	44.2	39.2		ND	ND	
90RW0010	SHSA	08-Nov-96	OT-F012405	E524.2 (VOC)	84.2	50	55	34.2	29.2		ND	ND	
90RW0010	SHSA	08-Nov-96	OT-F012406	E504.1 (EDB)	84.2	50	55	34.2	29.2	ND			
90RW0010	SHSA	08-Nov-96	OT-F012407	E504.1 (EDB)	84.2	70	75	14.2	9.2	ND			

TABLE 5-2
FS-12 PRECONSTRUCTION INVESTIGATION, LABORATORY ANALYTICAL RESULTS, VOCs and EDB

LOCATION	SAMPLE TYPE	DATE SAMPLED	CONTROL NUMBER	LABORATORY METHOD	GROUND SURFACE (ft msl)	DTOS (ft)	DBOS (ft)	ETOS (ft msl)	EBOS (ft msl)	EDB (ppb)	BENZ (ppb)	TEX (ppb)	COMMENT
90RW0010	SHSA	08-Nov-96	OT-F012408	E524.2 (VOC)	84.2	70	75	14.2	9.2		ND	ND	
90RW0010	SHSA	08-Nov-96	OT-F012501	E504.1 (EDB)	84.2	75	80	9.2	4.2	ND			
90RW0010	SHSA	08-Nov-96	OT-F012502	E524.2 (VOC)	84.2	75	80	9.2	4.2		0.13	0.1	
90RW0010	SHSA	11-Nov-96	OT-F012503	E504.1 (EDB)	84.2	90	95	-5.8	-10.8	ND			
90RW0010	SHSA	11-Nov-96	OT-F012504	E524.2 (VOC)	84.2	90	95	-5.8	-10.8		ND	ND	
90RW0010	SHSA	11-Nov-96	OT-F012505	E504.1 (EDB)	84.2	100	105	-15.8	-20.8	ND			
90RW0010	SHSA	11-Nov-96	OT-F012506	E524.2 (VOC)	84.2	100	105	-15.8	-20.8		ND	0.1	
90RW0010	SHSA	11-Nov-96	OT-F012507	E504.1 (EDB)	84.2	110	115	-25.8	-30.8	ND			
90RW0010	SHSA	11-Nov-96	OT-F012508	E524.2 (VOC)	84.2	110	115	-25.8	-30.8		ND	0.2	
90RW0010	SHSA	11-Nov-96	OT-F012509	E504.1 (EDB)	84.2	130	135	-45.8	-50.8	ND			
90RW0010	SHSA	11-Nov-96	OT-F012510	E524.2 (VOC)	84.2	130	135	-45.8	-50.8		ND	ND	
90RW0010	SHSA	11-Nov-96	OT-F012511	E504.1 (EDB)	84.2	140	145	-55.8	-60.8	ND			
90RW0010	SHSA	11-Nov-96	OT-F012512	E524.2 (VOC)	84.2	140	145	-55.8	-60.8		ND	ND	
90RW0010	SHSA	11-Nov-96	OT-F012513	E504.1 (EDB)	84.2	150	155	-65.8	-70.8	ND			
90RW0010	SHSA	11-Nov-96	OT-F012514	E524.2 (VOC)	84.2	150	155	-65.8	-70.8		ND	ND	
90RW0010	SHSA	11-Nov-96	OT-F012515	E504.1 (EDB)	84.2	160	165	-75.8	-80.8	ND			
90RW0010	SHSA	11-Nov-96	OT-F012516	E524.2 (VOC)	84.2	160	165	-75.8	-80.8		ND	0.1	
90RW0010	SHSA	11-Nov-96	OT-F012517	E504.1 (EDB)	84.2	170	175	-85.8	-90.8	ND			
90RW0010	SHSA	11-Nov-96	OT-F012518	E524.2 (VOC)	84.2	170	175	-85.8	-90.8		ND	ND	
90RW0010	SHSA	11-Nov-96	OT-F012519	E504.1 (EDB)	84.2	170	175	-85.8	-90.8	ND			
90RW0010	SHSA	11-Nov-96	OT-F012520	E524.2 (VOC)	84.2	170	175	-85.8	-90.8		ND	ND	
90RW0010	SHSA	11-Nov-96	OT-F012521	E504.1 (EDB)	84.2	180	185	-95.8	-100.8	ND			
90RW0010	SHSA	11-Nov-96	OT-F012522	E524.2 (VOC)	84.2	180	185	-95.8	-100.8		ND	ND	
90RW0014	SHSA	25-Nov-96	OT-F021203	E504.1 (EDB)	114.1	70	75	44.1	39.1	ND			
90RW0014	SHSA	25-Nov-96	OT-F021204	E524.2 (VOC)	114.1	70	75	44.1	39.1		ND	ND	
90RW0014	SHSA	25-Nov-96	OT-F021201	E504.1 (EDB)	114.1	70	75	44.1	39.1	ND			
90RW0014	SHSA	25-Nov-96	OT-F021202	E524.2 (VOC)	114.1	70	75	44.1	39.1		ND	ND	
90RW0014	SHSA	25-Nov-96	OT-F021205	E504.1 (EDB)	114.1	80	85	34.1	29.1	ND			
90RW0014	SHSA	25-Nov-96	OT-F021206	E524.2 (VOC)	114.1	80	85	34.1	29.1		ND	ND	
90RW0014	SHSA	25-Nov-96	OT-F021207	E504.1 (EDB)	114.1	90	95	24.1	19.1	ND			
90RW0014	SHSA	25-Nov-96	OT-F021208	E524.2 (VOC)	114.1	90	95	24.1	19.1		ND	ND	
90RW0014	SHSA	25-Nov-96	OT-F021301	E504.1 (EDB)	114.1	100	105	14.1	9.1	ND			
90RW0014	SHSA	25-Nov-96	OT-F021302	E524.2 (VOC)	114.1	100	105	14.1	9.1		ND	ND	
90RW0014	SHSA	25-Nov-96	OT-F021303	E504.1 (EDB)	114.1	110	115	4.1	-0.9	ND			
90RW0014	SHSA	25-Nov-96	OT-F021304	E524.2 (VOC)	114.1	110	115	4.1	-0.9		ND	ND	
90RW0014	SHSA	25-Nov-96	OT-F021305	E504.1 (EDB)	114.1	120	125	-5.9	-10.9	ND			
90RW0014	SHSA	25-Nov-96	OT-F021306	E524.2 (VOC)	114.1	120	125	-5.9	-10.9		ND	ND	
90RW0014	SHSA	25-Nov-96	OT-F021307	E504.1 (EDB)	114.1	130	135	-15.9	-20.9	ND			
90RW0014	SHSA	25-Nov-96	OT-F021308	E524.2 (VOC)	114.1	130	135	-15.9	-20.9		ND	ND	
90RW0014	SHSA	26-Nov-96	OT-F021401	E504.1 (EDB)	114.1	140	145	-25.9	-30.9	ND			
90RW0014	SHSA	26-Nov-96	OT-F021402	E524.2 (VOC)	114.1	140	145	-25.9	-30.9		ND	0.094	
90RW0014	SHSA	26-Nov-96	OT-F021403	E504.1 (EDB)	114.1	150	155	-35.9	-40.9	ND			
90RW0014	SHSA	26-Nov-96	OT-F021404	E524.2 (VOC)	114.1	150	155	-35.9	-40.9		ND	0.12	
90RW0014	SHSA	26-Nov-96	OT-F021405	E504.1 (EDB)	114.1	160	165	-45.9	-50.9	ND			
90RW0014	SHSA	26-Nov-96	OT-F021406	E524.2 (VOC)	114.1	160	165	-45.9	-50.9		ND	ND	
90RW0014	SHSA	26-Nov-96	OT-F021407	E504.1 (EDB)	114.1	170	175	-55.9	-60.9	ND			
90RW0014	SHSA	26-Nov-96	OT-F021408	E524.2 (VOC)	114.1	170	175	-55.9	-60.9		ND	ND	

TABLE 5-2
FS-12 PRECONSTRUCTION INVESTIGATION, LABORATORY ANALYTICAL RESULTS, VOCs and EDB

LOCATION	SAMPLE TYPE	DATE SAMPLED	CONTROL NUMBER	LABORATORY METHOD	GROUND SURFACE (ft msl)	DTOS (ft)	DBOS (ft)	ETOS (ft msl)	EBOS (ft msl)	EDB (ppb)	BENZ (ppb)	TEX++ (ppb)	COMMENT
90RW0014	SHSA	26-Nov-96	OT-F021501	E504.1 (EDB)	114.1	180	185	-65.9	-70.9	ND			
90RW0014	SHSA	26-Nov-96	OT-F021502	E524.2 (VOC)	114.1	180	185	-65.9	-70.9		ND	ND	
90RW0014	SHSA	26-Nov-96	OT-F021503	E504.1 (EDB)	114.1	190	195	-75.9	-80.9	ND			
90RW0014	SHSA	26-Nov-96	OT-F021504	E524.2 (VOC)	114.1	190	195	-75.9	-80.9		ND	ND	
90RW0027	SHSA	12-Nov-96	OT-F013501	E504.1 (EDB)	148.7	95	100	53.7	48.7	0.005			
90RW0027	SHSA	12-Nov-96	OT-F013503	E504.1 (EDB)	148.7	95	100	53.7	48.7	0.006			
90RW0027	SHSA	12-Nov-96	OT-F013502	E524.2 (VOC)	148.7	95	100	53.7	48.7		ND	ND	
90RW0027	SHSA	12-Nov-96	OT-F013504	E524.2 (VOC)	148.7	95	100	53.7	48.7		ND	ND	
90RW0027	SHSA	12-Nov-96	OT-F013601	E504.1 (EDB)	148.7	105	110	43.7	38.7	0.031			
90RW0027	SHSA	12-Nov-96	OT-F013602	E524.2 (VOC)	148.7	105	110	43.7	38.7		ND	ND	
90RW0027	SHSA	12-Nov-96	OT-F013701	E504.1 (EDB)	148.7	115	120	33.7	28.7	ND			
90RW0027	SHSA	12-Nov-96	OT-F013702	E524.2 (VOC)	148.7	115	120	33.7	28.7		ND	ND	
90RW0027	SHSA	12-Nov-96	OT-F013801	E504.1 (EDB)	148.7	125	130	23.7	18.7	ND			
90RW0027	SHSA	12-Nov-96	OT-F013802	E524.2 (VOC)	148.7	125	130	23.7	18.7		ND	ND	
90RW0027	SHSA	12-Nov-96	OT-F013901	E504.1 (EDB)	148.7	135	140	13.7	8.7	ND			
90RW0027	SHSA	12-Nov-96	OT-F013902	E524.2 (VOC)	148.7	135	140	13.7	8.7		ND	ND	
90RW0027	SHSA	12-Nov-96	OT-F014001	E504.1 (EDB)	148.7	145	150	3.7	-1.3	ND			
90RW0027	SHSA	12-Nov-96	OT-F014002	E524.2 (VOC)	148.7	145	150	3.7	-1.3		ND	ND	
90RW0027	SHSA	12-Nov-96	OT-F014101	E504.1 (EDB)	148.7	155	160	-6.3	-11.3	ND			
90RW0027	SHSA	12-Nov-96	OT-F014102	E524.2 (VOC)	148.7	155	160	-6.3	-11.3		ND	ND	
90RW0027	SHSA	13-Nov-96	OT-F014201	E504.1 (EDB)	148.7	165	170	-16.3	-21.3	0.009			
90RW0027	SHSA	13-Nov-96	OT-F014202	E524.2 (VOC)	148.7	165	170	-16.3	-21.3		ND	ND	
90RW0027	SHSA	13-Nov-96	OT-F014301	E504.1 (EDB)	148.7	175	180	-26.3	-31.3	0.029			
90RW0027	SHSA	13-Nov-96	OT-F014302	E524.2 (VOC)	148.7	175	180	-26.3	-31.3		ND	ND	
90RW0027	SHSA	13-Nov-96	OT-F014401	E504.1 (EDB)	148.7	185	190	-36.3	-41.3	0.018			
90RW0027	SHSA	13-Nov-96	OT-F014402	E524.2 (VOC)	148.7	185	190	-36.3	-41.3		ND	ND	
90RW0027	SHSA	13-Nov-96	OT-F017101	E504.1 (EDB)	148.7	195	200	-46.3	-51.3	0.018			
90RW0027	SHSA	13-Nov-96	OT-F017102	E524.2 (VOC)	148.7	195	200	-46.3	-51.3		ND	ND	
90WT0004	MW	30-Jan-97	OT-F037801	E504.1 (EDB)	100.2	35	45	65.2	55.2	ND			
90WT0004	MW	30-Jan-97	OT-F037802	E524.2 (VOC)	100.2	35	45	65.2	55.2		ND	ND	
90WT0005	MW	30-Jan-97	OT-F038001	E504.1 (EDB)	118.3	48	57.5	70.8	60.8	ND			
90WT0005	MW	30-Jan-97	OT-F038002	E524.2 (VOC)	118.3	48	57.5	70.8	60.8		ND	ND	
90WT0013	MW	08-Nov-96	OT-F012211	E504.1 (EDB)	163.1	102	102	61.1	61.1	ND			
90WT0013	MW	08-Nov-96	OT-F012212	E524.2 (VOC)	163.1	102	102	61.1	61.1		ND	1563	

Notes:

MW= monitoring well
SHSA= screened hollow stem auger
ND= not detected
msl= mean sea level
DTOS (ft)= depth to top of screen
DBOS (ft)= depth to bottom of screen
ETOS (ft msl)= elevation of top of screen relative to mean sea level
EBOS (ft msl)= elevation of bottom of screen relative to mean sea level
EDB (ppb)= ethylene dibromide concentration in parts per billion
BENZ (ppb)= benzene concentration in parts per billion
TEX++ (ppb)= total concentration of toluene, ethyl benzene, xylene and other related compounds in parts per billion

NAPTH= naphthalene
PCE= tetrachloroethene
111TCA= 1,1,1 trichloroethane
TCE= trichloroethylene
1,2 DCA= 1,2 dichloroethane
MTBE= methyl tert butyl ether
ppb= parts per billion
VOC = volatile organic compounds

ATTACHMENT 1

DATA SUMMARY REPORT

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Tables

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ACRONYMS

AFCEE	U.S. Air Force Center for Environmental Excellence
Aq	aqueous
CLP	Contract Laboratory Program
DQO	data quality objective
EB	equipment blank
EDB	ethylene dibromide, 1-2-dibromoethane
EPA	U.S. Environmental Protection Agency
FD	field duplicate sample
FS-12	Fuel Spill-12
ID	identification number
LCS	laboratory control spike
LCSD	laboratory control spike duplicate
LOC ID	location identification
MMR	Massachusetts Military Reservation
MS	matrix spike
MSD	matrix spike duplicate
PARCC	precision, accuracy, representativeness, comparability, and completeness
PQL	practical quantitation limit
QC	quality control
QPP	*Quality Program Plan*
RPD	relative percent difference
RF	response factor
SOW	scope of work
TB	trip blank
VOC	volatile organic compound
µg/L	micrograms per liter

(intentionally blank)

1.0 SAMPLE COLLECTION

Jacobs Engineering Group Inc. collected and evaluated data from 38 groundwater samples which were collected between November 4, 1996 and January 30, 1997 as part of the Fuel Spill-12 (FS-12) investigation. Also collected and submitted for analysis were field duplicate samples, equipment blanks, trip blanks and matrix spike and matrix spike duplicate samples. All samples were analyzed for volatile organic compounds (VOCs) by Contract Laboratory Program (CLP) method OLC02.1 and 1,2-dibromoethane (EDB) by U.S. Environmental Protection Agency (EPA) method 504.1. The actual analyses performed on each sample are listed in Section 2.0 of this data summary report. All data were reviewed in accordance with Massachusetts Military Reservation (MMR) project-specific data review guidelines set forth in the *Quality Program Plan* (QPP).

Guidelines are based on EPA Region I and Air Force Center for Environmental Excellence (AFCEE) data review criteria. Sample results were qualified, if necessary, based on quality control (QC) sample evaluation so that the data base would reflect accurate results. The results of the QC samples and the data review are summarized in Section 4.0.

2.0 SAMPLE IDENTIFICATION

Table 2-1 lists the native and field duplicate samples that were collected and analyzed as part of this sampling event. Each unique Jacobs chain-of-custody control number is cross-referenced with its sample identification number (ID), location identification (LOC ID), sample date, analytical laboratory and the analyses performed on each sample. Copies of the chain-of-custody forms are not included in this report. All chain-of-custody forms are maintained in project files by the Otis MMR data management group.

TABLE 2-1
Sample Identification Cross-Reference and Analyses

Sample ID	Control Number	Location	Date Sampled	Lab ID	Analysis
90JB0001B-01	OT-F022502	90JB0001B	11/21/96	RFWL	Ethylene Dibromide
90JB0001B-01	OT-F022504	90JB0001B	11/21/96	RFWL	Volatile Organics
90-JB001C-01	OT-F029802	90JB0001C	12/9/96	GWAB	Volatile Organics
90-JB001C-01	OT-F029801	90JB0001C	12/9/96	GWAB	Ethylene Dibromide
90JB0001D-01	OT-F021701	90JB0001D	11/21/96	RFWL	Ethylene Dibromide
90JB0001D-01	OT-F021702	90JB0001D	11/21/96	RFWL	Volatile Organics
90JB0004A-01	OT-F021802	90JB0004A	11/22/96	QESF	Ethylene Dibromide
90JB0004A-01	OT-F021804	90JB0004A	11/22/96	QESF	Volatile Organics
90JB0004C-01	OT-F022802	90JB0004C	11/22/96	QESF	Ethylene Dibromide
90JB0004C-01	OT-F022804	90JB0004C	11/22/96	QESF	Volatile Organics
90MW0003-01	OT-F012902	90MW0003	11/12/96	ECEN	Volatile Organics
90MW0003-01	OT-F012901	90MW0003	11/12/96	ECEN	Ethylene Dibromide
90MW0004-01	OT-F013001	90MW0004	11/12/96	ECEN	Ethylene Dibromide
90MW0004-01	OT-F013002	90MW0004	11/12/96	ECEN	Volatile Organics
90-MW0014-01	OT-F037702	90MW0014	1/28/97	QESF	Volatile Organics
90-MW0014-01	OT-F037701	90MW0014	1/28/97	QESF	Ethylene Dibromide
90MW015-02	OT-F018002	90MW0015	11/18/96	RFWL	Volatile Organics
90MW015-02	OT-F018001	90MW0015	11/18/96	RFWL	Ethylene Dibromide
90-MW0021-01	OT-F037602	90MW0021	1/29/97	QESF	Volatile Organics
90-MW0021-01	OT-F037601	90MW0021	1/29/97	QESF	Ethylene Dibromide
90-MW0022-01	OT-F037901	90MW0022	1/29/97	QESF	Ethylene Dibromide
90-MW0022-01	OT-F037902	90MW0022	1/29/97	QESF	Volatile Organics
90MW026-01	OT-F009902	90MW0026	11/5/96	QESF	Volatile Organics
90MW026-01	OT-F009901	90MW0026	11/5/96	QESF	Ethylene Dibromide
90GMW0029B-01	OT-F022602	90MW0029B	11/22/96	QESF	Ethylene Dibromide
90GMW0029B-01	OT-F022604	90MW0029B	11/22/96	QESF	Volatile Organics
90MW0033-01	OT-F020201	90MW0033	11/20/96	RFWL	Ethylene Dibromide
90MW0033-01	OT-F020202	90MW0033	11/20/96	RFWL	Volatile Organics
90MW0033-01-FD	OT-F020204	90MW0033	11/20/96	RFWL	Volatile Organics
90MW0033-01-FD	OT-F020203	90MW0033	11/20/96	RFWL	Ethylene Dibromide
90MW034-01	OT-F011501	90MW0034	11/6/96	QESF	Ethylene Dibromide
90MW034-01	OT-F011502	90MW0034	11/6/96	QESF	Volatile Organics
90MW035-01	OT-F011602	90MW0035	11/6/96	QESF	Volatile Organics
90MW035-01	OT-F011601	90MW0035	11/6/96	QESF	Ethylene Dibromide
90-MW0038-01	OT-F038102	90MW0038	1/29/97	QESF	Volatile Organics
90-MW0038-01	OT-F038101	90MW0038	1/29/97	QESF	Ethylene Dibromide
90MW0042-01	OT-F017802	90MW0042	11/15/96	GWAB	Volatile Organics
90MW0042-01	OT-F017801	90MW0042	11/15/96	GWAB	Ethylene Dibromide
90MW0047-01	OT-F015304	90MW0047	11/13/96	RFWL	Volatile Organics
90MW0047-01	OT-F015303	90MW0047	11/13/96	RFWL	Ethylene Dibromide
90MW0049-01	OT-F015403	90MW0049	11/13/96	RFWL	Ethylene Dibromide
90MW0049-01	OT-F015404	90MW0049	11/13/96	RFWL	Volatile Organics
90MW050-01	OT-E074901	90MW0050	11/14/96	ECEN	Ethylene Dibromide
90MW050-01	OT-E074902	90MW0050	11/14/96	ECEN	Volatile Organics

TABLE 2-1
Sample Identification Cross-Reference and Analyses

Sample ID	Control Number	Location	Date Sampled	Lab ID	Analysis
90MW053-01	OT-F009801	90MW0053	11/5/96	QESF	Ethylene Dibromide
90MW053-01	OT-F009802	90MW0053	11/5/96	QESF	Volatile Organics
90MW054-01	OT-E075001	90MW0054	11/14/96	ECEN	Ethylene Dibromide
90MW054-01	OT-E075002	90MW0054	11/14/96	ECEN	Volatile Organics
90MW057-01	OT-F009601	90MW0057	11/4/96	QESF	Ethylene Dibromide
90MW057-01	OT-F009602	90MW0057	11/4/96	QESF	Volatile Organics
90MW058-01	OT-F009701	90MW0058	11/4/96	QESF	Ethylene Dibromide
90MW058-01	OT-F009702	90MW0058	11/4/96	QESF	Volatile Organics
90MW0060-01	OT-F018802	90MW0060	11/19/96	RFWL	Volatile Organics
90MW0060-01	OT-F018801	90MW0060	11/19/96	RFWL	Ethylene Dibromide
90MW0061-01	OT-F019902	90MW0061	11/19/96	RFWL	Volatile Organics
90MW0061-01	OT-F019901	90MW0061	11/19/96	RFWL	Ethylene Dibromide
90MW0063-01	OT-F020402	90MW0063	11/20/96	RFWL	Volatile Organics
90MW0063-01	OT-F020401	90MW0063	11/20/96	RFWL	Ethylene Dibromide
90-MW0065-01	OT-F029701	90MW0065	12/9/96	GWAB	Ethylene Dibromide
90-MW0065-01	OT-F029702	90MW0065	12/9/96	GWAB	Volatile Organics
90-MW0066A-01	OT-F029602	90MW0066A	12/11/96	GWAB	Volatile Organics
90-MW0066A-01	OT-F029601	90MW0066A	12/11/96	GWAB	Ethylene Dibromide
90-MW0069-01	OT-F037302	90MW0069	1/30/97	QESF	Volatile Organics
90-MW0069-01	OT-F037301	90MW0069	1/30/97	QESF	Ethylene Dibromide
90-MW0070-01	OT-F037401	90MW0070	1/28/97	QESF	Ethylene Dibromide
90-MW0070-01	OT-F037402	90MW0070	1/28/97	QESF	Volatile Organics
90-MW0071-16	OT-F037501	90MW0071	1/30/97	QESF	Ethylene Dibromide
90-MW0071-16	OT-F037502	90MW0071	1/30/97	QESF	Volatile Organics
90-MW0072A-01	OT-F030101	90MW0072A	12/11/96	GWAB	Ethylene Dibromide
90-MW0072A-01	OT-F030102	90MW0072A	12/11/96	GWAB	Volatile Organics
90-WT0004-01	OT-F037801	90WT0004	1/29/97	QESF	Ethylene Dibromide
90-WT0004-01	OT-F037802	90WT0004	1/29/97	QESF	Volatile Organics
90-WT0005-01	OT-F038001	90WT0005	1/28/97	QESF	Ethylene Dibromide
90-WT0005-01	OT-F038002	90WT0005	1/28/97	QESF	Volatile Organics
90WT013-01	OT-F012212	90WT0013	11/8/96	QESF	Volatile Organics
90WT013-01	OT-F012211	90WT0013	11/8/96	QESF	Ethylene Dibromide

3.0 ANALYTICAL PARAMETERS

All samples were analyzed according to established EPA methods specified in the QPP by analytical laboratories under subcontract to perform work for the plume response program at MMR.

Data quality is measured by five parameters: precision, accuracy, representativeness, completeness and comparability (PARCC). The goals set for each of these parameters are referred to as the data quality objectives (DQOs). Actual sample and quality control results are compared to the project DQOs to determine whether quality objectives were met. Table 3-1 lists the analyses performed for this sampling event and their respective precision and accuracy goals.

TABLE 3-1
Data Quality Objectives for Analytical Methods and Accuracy, Precision, and Completeness

Analysis	Matrix	Accuracy: Spike Recovery (%)	Precision: Duplicate RPD (%)	Percent Completeness
Volatile Organic Compounds (VOCs) by EPA CLP Method OLC02.1	Aq	CLP	CLP	≥ 95 %
Ethylene dibromide (EDB) by EPA Method 504.1	Aq	70-130 (LCS/LCSD) 65-135 (MS/MSD)	≤ 20 %	≥ 95 %

Aq = Aqueous

Precision and accuracy criteria are those specified in EPA Contract Laboratory Program (CLP) Statements of Work (SOW): *Superfund Analytical Methods for Low Concentration Water for Organics Analysis.*

RPD = relative percent difference

Precision is defined as the degree of agreement between measurements. Sampling precision is evaluated by comparing the results of field duplicate pairs. Analytical precision is evaluated by comparing the results of laboratory duplicates.

Accuracy is defined as the degree to which the calculated value represents the true value. Sampling accuracy is evaluated using matrix spike results. Analytical accuracy is evaluated using surrogate spike recoveries, matrix spike results, and laboratory control sample (LCS) recoveries.

Completeness is a measure of the amount of valid, usable data obtained from the sampling event compared to the amount of data that was expected under normal conditions. Valid results are data that are not qualified as rejected (coded R).

Representativeness reflects the ability to collect a sample that, when analyzed or measured, reflects the in situ conditions of the sample. Representativeness is measured by how well the sample collection event followed the proposed investigation so as to provide results that accurately depict the media and environmental conditions being evaluated. Documentation of field events confirms that proper protocols were followed.

Comparability is a measure of how well the data set parallels related data sets. Samples collected and analyzed during this sampling event are comparable because standardized sampling and analytical protocols were used. In addition, the results are reported in units consistent with CLP and other EPA methods.

4.0 DATA ASSESSMENT

This section discusses data that were found to be noncompliant with established QC requirements. Qualification of results was based on laboratory QC data, which included holding times, instrument calibration results, surrogate recovery results, laboratory blank contamination, and blank spike (laboratory control sample) results; and field QC data, which included matrix spike and matrix spike duplicate analyses, field blanks, and field duplicates.

4.1 LABORATORY QUALITY CONTROL

Laboratory QC is achieved by using established EPA analytical methods for analyzing field samples. Laboratory QC samples consist of laboratory blanks, LCS/LCSDs, standards, and QC check samples, as indicated by the methodology. A review of the results of method-specific laboratory QC establishes the quality of the data in question. This section contains an assessment of the laboratory QC procedures, samples, and protocol.

4.1.1 Holding Times and Preservation

Two samples collected from wells 90MW0057 and 90MW0058 on November 4, 1996 missed analytical holding times for VOC analysis by one day. The non-detected VOC results for these samples were qualified as estimated (UJ).

All other samples were analyzed within method-specific holding times.

4.1.2 Instrument Calibration

Several samples were analyzed in analytical batches that did not meet either initial or continuing calibration criteria for some VOCs. The affected samples, compounds, and data review qualifiers are listed in Table 4.1.

TABLE 4-1
Calibration Summary

Sample ID	Analyte	Qualifier	Reason Code
90-MW0014-01	1,2,3-TRICHLOROPROPANE	R	Q,S
90-MW0070-01	1,2,3-TRICHLOROPROPANE	R	Q,S
90-WT0005-01	1,2,3-TRICHLOROPROPANE	R	Q,S
90GMW0029B-01	1,2,3-TRICHLOROPROPANE	R	Q,S
90JB0001B-01	ACETONE	R	Q,S
90JB0001D-01	ACETONE	R	Q,S
90JB0001D-01	METHYL ETHYL KETONE	R	Q,S
90JB0004A-01	1,2,3-TRICHLOROPROPANE	R	Q,S
90JB0004C-01	1,2,3-TRICHLOROPROPANE	R	Q,S
90MW0003-01	1,2-DIBROMO-3-CHLOROPROPANE	R	Q,S
90MW0004-01	1,2-DIBROMO-3-CHLOROPROPANE	R	Q,S
90MW0033-01	ACETONE	R	Q,S
90MW0033-01	METHYL ETHYL KETONE	R	Q,S
90MW0033-01-FD	ACETONE	UJ	7,Q,S
90MW0033-01-FD	METHYL ETHYL KETONE	R	Q,S
90MW0047-01	ACETONE	R	Q,S
90MW0047-01	METHYL ETHYL KETONE	R	Q,S
90MW0049-01	ACETONE	R	Q,S
90MW0049-01	METHYL ETHYL KETONE	R	Q,S
90MW0060-01	ACETONE	R	Q,S
90MW0060-01	METHYL ETHYL KETONE	R	Q,S
90MW0061-01	ACETONE	R	Q,S
90MW0061-01	METHYL ETHYL KETONE	R	Q,S
90MW0063-01	ACETONE	R	Q,S
90MW0063-01	METHYL ETHYL KETONE	R	Q,S
90MW015-02	ACETONE	R	Q,S

TABLE 4-1
Calibration Summary

Sample ID	Analyte	Qualifier	Reason Code
90MW015-02	METHYL ETHYL KETONE	R	Q,S
90MW026-01	1,2-DIBROMOETHANE (EDB)	J	S
90MW026-01	1,2,3-TRICHLOROPROPANE	R	Q,S
90MW034-01	1,2,3-TRICHLOROPROPANE	R	Q,S
90MW035-01	1,2,3-TRICHLOROPROPANE	R	Q,S
90MW050-01	1,2-DIBROMO-3-CHLOROPROPANE	R	Q,S
90MW050-01	ACETONE	R	Q,S
90MW050-01	METHYL ETHYL KETONE	R	Q,S
90MW053-01	1,2,3-TRICHLOROPROPANE	R	Q,S
90MW054-01	1,2-DIBROMO-3-CHLOROPROPANE	R	Q,S
90MW054-01	ACETONE	R	Q,S
90MW054-01	METHYL ETHYL KETONE	R	Q,S
90MW057-01	1,2,3-TRICHLOROPROPANE	R	1,Q,S
90MW058-01	1,2,3-TRICHLOROPROPANE	R	1,Q,S
90WT013-01	1,2,3-TRICHLOROPROPANE	R	Q,S

1 = holding time exceeded
7 = field blank contaminated
J = estimated
Q = initial calibration standard out of range
R = rejected
S = continuing calibration standard out of range
UJ = estimated

The results for four VOCs were rejected in some samples as a result of noncompliant calibrations. Acetone and methyl-ethyl-ketone have poor purge efficiencies and therefore, frequently have initial or continuing calibration response factors (RFs) of less than the acceptance criteria of 0.05. Minimum RF criteria for these compounds have not been established by the methodology. However, data review guidelines require qualification for all compounds with initial or continuing calibration RFs of less than 0.05. Based on this criterion, non-detected results for these compounds in associated samples were rejected (coded R). Some results for 1,2,3-trichloropropane and 1,2-dibromo-3-chloropropane were also rejected due to calibration non-compliance. The low calibration response for these compounds is likely due to volatilization loss during sample preparation. The non-detected results for these compounds in associated samples were also rejected (coded R).

The result for EDB in the sample collected from well 90MW0026 was qualified as estimated (J) due to noncompliant continuing calibration criteria. Calibrations were acceptable for all other EDB analyses.

4.1.3 Laboratory Blanks

Laboratory blanks are prepared and analyzed along with batches of field samples. Laboratory blanks exhibiting contamination are evaluated against their associated (same analytical batch) field samples to determine if laboratory conditions contributed to positive detections in the field samples. Usually, positive results in the field samples that are less than five times the highest associated laboratory blank are considered non-detect and qualified with the "U" flag. For common laboratory contaminants, (acetone, 2-butanone, methylene chloride, toluene, and all phthalates) the action level is established at 10 times the highest associated laboratory blank level.

Table 4-2 lists the field samples that were qualified based on laboratory blank contamination. These analytes were detected in their respective field samples, but were considered not detected (U) after data review because of the levels at which these analytes were found in the laboratory blanks.

TABLE 4-2
Laboratory Blank Summary

Sample ID	Analyte	Qualifier	Reason Code
90GMW0029B-01	CHLOROFORM	U	2
90JB0001B-01	METHYLENE CHLORIDE	U	2
90JB0001D-01	METHYLENE CHLORIDE	U	2
90JB0004A-01	CHLOROFORM	U	2
90JB0004C-01	CHLOROFORM	U	2
90MW0033-01	METHYLENE CHLORIDE	U	2,7
90MW0033-01-FD	METHYLENE CHLORIDE	U	2,7
90MW0047-01	METHYLENE CHLORIDE	U	2
90MW0049-01	METHYLENE CHLORIDE	U	2
90MW0060-01	METHYLENE CHLORIDE	U	2,7
90MW0063-01	METHYLENE CHLORIDE	U	2,7
90MW015-02	METHYLENE CHLORIDE	U	2,7
90MW026-01	CHLOROFORM	U	2

TABLE 4-2
Laboratory Blank Summary

Sample ID	Analyte	Qualifier	Reason Code
90MW034-01	CHLOROFORM	U	2
90MW053-01	CHLOROFORM	U	2
90MW057-01	METHYLENE CHLORIDE	UJ	1,2
90MW058-01	METHYLENE CHLORIDE	UJ	1,2
90WT013-01	CHLOROFORM	U	2

1 = holding time exceeded
2 = laboratory blank contaminated
7 = field blank contaminated
U = not detected
UJ = estimated

The results for methylene chloride and chloroform were qualified in these groundwater samples due to laboratory blank contamination. These compounds are common laboratory contaminants and their presence in laboratory blanks does not necessarily indicate analytical problems.

4.1.4 Matrix Spikes

Matrix spike (MS) analyses are required for all methods. Matrix spike duplicate (MSD) analyses are required for organic methods. Results of these QC tests are evaluated in the review process. Spiked analytes must have recoveries in the MS samples that meet pre-established percent recovery criteria. Spiked analytes in the MSD samples must meet pre-established relative percent difference (RPD) criteria. For any spiked analyte which fails the recovery or RPD criteria, that analyte result in the parent sample is qualified as estimated (UJ or J).

The spiked recovery for EDB from sample 90MW0069 fell outside QC criteria. The non-detected result for EDB in this sample has been qualified as estimated (UJ). MS/MSD results were acceptable for all VOC analyses.

4.1.5 Laboratory Control Samples

Laboratory control samples (LCSs) and their duplicates (LCSDs) were required to be run for all analyses. A review of the calculated percent recoveries of the spiked

analytes provided information on the analytical accuracy. Recoveries were compared to pre-established acceptance limits, and the results for associated samples were qualified if the LCS and LCSD recoveries did not fall within the criteria.

Table 4-3 lists the field samples and respective analytes that were qualified based on LCS/LCSD noncompliance.

TABLE 4-3
Laboratory Control Samples/Laboratory Control Sample Duplicates Summary

Sample ID	ANALYTE	Qualifier	Reason Code
90-JB001C-01	1,1,2,2-TETRACHLOROETHANE	R	6
90-JB001C-01	1,1-DICHLOROPROPENE	R	6
90-JB001C-01	1,2,3-TRICHLOROPROPANE	R	6
90-JB001C-01	CHLOROMETHANE	R	6
90-JB001C-01	TERT-BUTYL METHYL ETHER	R	6
90-JB001C-01	TRANS-1,3-DICHLOROPROPENE	R	6
90-JB001C-01	TRICHLOROFLUOROMETHANE	R	6
90-MW0065-01	1,1,2,2-TETRACHLOROETHANE	R	6
90-MW0065-01	1,1-DICHLOROPROPENE	R	6
90-MW0065-01	1,2,3-TRICHLOROPROPANE	R	6
90-MW0065-01	CHLOROMETHANE	R	6
90-MW0065-01	TERT-BUTYL METHYL ETHER	R	6
90-MW0065-01	TRANS-1,3-DICHLOROPROPENE	R	6
90-MW0065-01	TRICHLOROFLUOROMETHANE	R	6
90-MW0066A-01	1,2-DIBROMO-3-CHLOROPROPANE	R	6
90-MW0066A-01	2-CHLOROTOLUENE	R	6
90-MW0066A-01	4-CHLOROTOLUENE	R	6
90-MW0066A-01	TERT-BUTYL METHYL ETHER	R	6
90-MW0066A-01	TRANS-1,3-DICHLOROPROPENE	R	6
90-MW0072A-01	1,2-DIBROMO-3-CHLOROPROPANE	R	6
90-MW0072A-01	2-CHLOROTOLUENE	R	6
90-MW0072A-01	4-CHLOROTOLUENE	R	6
90-MW0072A-01	TERT-BUTYL METHYL ETHER	R	6
90-MW0072A-01	TRANS-1,3-DICHLOROPROPENE	R	6
90GMW0029B-01	1,1-DICHLOROETHENE	R	6
90GMW0029B-01	CHLOROMETHANE	R	6
90GMW0029B-01	DICHLORODIFLUOROMETHANE	R	6
90GMW0029B-01	VINYL CHLORIDE	R	6
90JB0004A-01	1,1-DICHLOROETHENE	R	6
90JB0004A-01	CHLOROMETHANE	R	6
90JB0004A-01	DICHLORODIFLUOROMETHANE	R	6
90JB0004A-01	VINYL CHLORIDE	R	6
90JB0004C-01	1,1-DICHLOROETHENE	R	6

TABLE 4-3
Laboratory Control Samples/Laboratory Control Sample Duplicates Summary

Sample ID	ANALYTE	Qualifier	Reason Code
90JB0004C-01	CHLOROMETHANE	R	6
90JB0004C-01	DICHLORODIFLUOROMETHANE	R	6
90JB0004C-01	VINYL CHLORIDE	R	6
90MW0042-01	DICHLORODIFLUOROMETHANE	R	6
90MW0042-01	TRANS-1,3-DICHLOROPROPENE	R	6
90MW034-01	2,2-DICHLOROPROPANE	R	6
90MW035-01	2,2-DICHLOROPROPANE	R	6

6 = not within acceptable range
R = rejected

The non-detected results for the VOCs in the samples listed above should be considered unreliable due to poor LCS recoveries. These results have been qualified as rejected (coded R). The affected compounds are not considered compounds of concern for this investigation.

The LCS/LCSDs analyzed for EDB and VOCs were acceptable.

4.1.6 Surrogates

Surrogate compounds are added to each sample undergoing organic analysis to provide information for evaluating accuracy and to help in determining matrix interference. If surrogate recoveries do not meet pre-established criteria, the sample results are qualified, indicating probable bias in the results.

Positive results for eight VOCs in the sample collected from well 90MW0003 were qualified as estimated (J) due to noncompliant surrogate recoveries. The results for the following compounds were qualified in this sample: 1,3,5-trimethylbenzene, cymene, ethylbenzene, isopropylbenzene, m,p-xylene, n-propylbenzene, sec-butylbenzene and toluene.

4.1.7 Internal Standards

Internal standard area counts for the VOC analyses were within method acceptance criteria. Qualifications were not required.

4.2 FIELD QUALITY CONTROL

Field QC samples were collected to help assess analytical data quality. Field QC samples consisted of equipment blanks (EBs), trip blanks (TBs), and field duplicate samples.

4.2.1 Field Blanks

Field blanks consisted of TBs, analyzed for volatile organics only, and EBs. Sample data may be qualified as undetected based on TB and EB results when the analyte result in the associated sample is less than 5 times (10 times for common laboratory contaminants) in the TB or EB.

Trip blanks primarily contained common laboratory contaminants: acetone, chloroform, methylene chloride and toluene. 1,2-Dichloroethane and chloromethane were also detected at low concentrations in a few TBs. The following VOCs were detected in one TB (sample ID: 112296-TB2-04): acetone, bromodichloromethane, bromoform, dibromochloromethane, chloroform and tetrachloroethene. This TB dates back to November 22, 1996, and given the compounds detected, it is possible that it was prepared using potable water rather than distilled water. None of these compounds was present in any associated samples. Similar compounds were also detected in a few EBs associated with these samples. The presence of these compounds in EBs is indicative of the fact that a distilled water rinse was not sufficient to remove the potable water wash. Only common laboratory contaminants were present in any associated sample, indicating that potable water was not carried over to sample collection. Table 4-4 summarizes the qualifications that were made based on TB and/or EB results. Only results for acetone, chloroform, methylene

chloride and toluene in 10 samples were qualified as undetected (U) due to EB or TB contamination.

TABLE 4-4
Equipment Blank and Trip Blank Qualification Summary

Sample ID	Analyte	Qualifier	Reason Code
90JB0001B-01	CHLOROFORM	U	7
90JB0001B-01	TOLUENE	U	7
90JB0001D-01	CHLOROFORM	U	7
90JB0001D-01	TOLUENE	U	7
90MW0033-01-FD	ACETONE	U,J	7,Q,S
90MW0033-01-FD	CHLOROFORM	U	7
90MW0033-01	CHLOROFORM	U	7
90MW034-01	METHYLENE CHLORIDE	U	7
90MW0047-01	CHLOROFORM	U	7
90MW0049-01	CHLOROFORM	U	7
90MW0063-01	CHLOROFORM	U	7
90MW0063-01	TOLUENE	U	7
90-MW0071-16	TOLUENE	U	7
90-MW0072A-01	CHLOROFORM	U	7

1 = holding time exceeded
7 = field blank contaminated
Q = initial calibration standard out of range
S = continuing calibration standard out of range
U = non-detect

4.2.2 Field Duplicates

Field duplicate samples were collected and analyzed in order to evaluate field precision. Field duplicate results are evaluated during the data review process by comparing the original sample results to the duplicate sample results and calculating an RPD. When the RPD exceeds a pre-established limit, showing the data to be not comparable, positive sample results are qualified as estimated (J).

All field duplicate samples had comparable results; qualifications were not required.

5.0 DATA REVIEW

The QC results discussed in Section 4.0 were evaluated during the data review process. The following qualifiers were assigned to the data according the review guidelines:

U - The analyte was analyzed for but was considered not detected. The associated numerical value is a quantitation limit.

J - The analyte was detected, and the reported concentration is an estimated value.

UJ - The analyte is considered not detected and the quantitation limit is an estimated value.

R - The analysis was rejected; result is unusable.

CLP method-specific qualifiers used by a laboratory to designate noncompliant values have been either accepted or replaced with one of the above qualifiers. Data review qualifiers were entered into the Jacobs' data base, from which data results for this sampling event were reported.

6.0 CORRECTIVE ACTION AND RESOLUTION

Corrective actions affecting analytical data for the FS-12 investigation were performed by the laboratory. When required by the methodology or the MMR QPP, the laboratory reanalyzed samples that did not meet QC criteria.

Some samples required reanalysis at dilution due to high levels of target compounds. Data quality was not adversely affected since sample results were well above the reporting limits.

7.0 CONCLUSIONS

Samples were collected in accordance with the MMR QPP and all field QC requirements were achieved. The data are valid as reported and may be used for decision-making purposes.

Precision and accuracy requirements were achieved in over 98 percent of the data. Completeness goals were met for all analyses: 96 percent for VOCs and 100 percent for EDB. Representativeness was achieved by collecting samples with good sampling techniques and finding little blank or matrix interference to accurately depict the in situ conditions of the sample. Comparability was achieved by analyzing

the samples according to the prescribed methods with no deviations, and reporting the results in consistent units.

In summary, project goals for precision, accuracy, representativeness, comparability, and completeness were met. All anticipated field samples were collected, submitted, and reported for the requested analyses.

(intentionally blank)

ATTACHMENT 2

VALIDATED RESULTS OF LABORATORY ANALYSES, DETECTIONS ONLY

Location	Sample ID	Date	Matrix	Test	Analyte	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90JB0001B	90JB0001B-01	11/21/96	WG	E524.2	1,1,2,2-TETRACHLOROETHANE	92.50	N1	1	.45	1	UG/L			JEGO
90JB0001B	90JB0001B-01	11/21/96	WG	E524.2	TETRACHLOROETHYLENE(PCE)	92.50	N1	.4	.1	1	UG/L	J	T	JEGO
90JB0001B	90JB0001B-01	11/21/96	WG	E524.2	TRICHLOROETHYLENE (TCE)	92.50	N1	.3	.17	1	UG/L	J	T	JEGO
90JB0001C	90-JB001C-01	12/09/96	WG	E524.2	CHLOROFORM	138.50	N1	1.17	.34	.5	UG/L			JEGO
90JB0004C	90JB0004C-01	11/22/96	WG	E524.2	1,1,1-TRICHLOROETHANE	100.00	N1	.33	.1	.5	UG/L	J	T	JEGO
90MW0003	90MW0003-01	11/12/96	WG	E504	1,2-DIBROMOETHANE (EDB)	152.50	N1	97	1.5	3	UG/L			JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	E300	BROMIDE	147.50	N1	.46	.0032	.1	MG/L			JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	E300	CHLORIDE (AS CL)	147.50	N1	9.5	1.1	2	MG/L			JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	E300	PHOSPHORUS, DISSOLVED ORTHOPHOSP	147.50	N1	.13	.0056	.2	MG/L	J	6T	JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	E300	SULFATE (AS SO4)	147.50	N1	1.8	.58	2	MG/L	J	T	JEGO
90MW0003	90-EW0003-01	01/16/97	SO	D2216	MOISTURE, PERCENT	0.00	N1	14	.1	.1	PERCE			JEGO
90MW0003	90-EW0003-01	01/16/97	SO	D2216	MOISTURE, PERCENT	0.00	N1	14	.1	.1	PERCE			JEGO
90MW0003	90-EW0003-01	01/16/97	SO	D2216	MOISTURE, PERCENT	0.00	N1	14	.1	.1	PERCE			JEGO
90MW0003	90MW0003-02	11/12/96	WG	M8015D	DIESEL COMPONENTS	152.50	N1	1.3	.091	.1	MG/L			JEGO
90MW0003	90MW0003-02	11/12/96	WG	M8015V	GASOLINE COMPONENTS	152.50	N1	1.9	.027	.5	MG/L		1B	JEGO
90MW0003	90-EW0003-01	01/16/97	SO	SW6010	ALUMINUM (TOTAL)	0.00	N1	472	3.3	23.4	MG/KG			JEGO
90MW0003	90-EW0003-01	01/16/97	SO	SW6010	CALCIUM (TOTAL)	0.00	N1	54.5	6.3	584	MG/KG	J	T	JEGO
90MW0003	90-EW0003-01	01/16/97	SO	SW6010	IRON (TOTAL)	0.00	N1	1400	.75	11.7	MG/KG			JEGO
90MW0003	90-EW0003-01	01/16/97	SO	SW6010	LEAD (TOTAL)	0.00	N1	.9	.19	.35	MG/KG	J	HKZ	JEGO
90MW0003	90-EW0003-01	01/16/97	SO	SW6010	ZINC (TOTAL)	0.00	N1	3.4	.25	2.3	MG/KG			JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	BARIUM	147.50	N1	5.4	1.8	5	UG/L			JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	CALCIUM	147.50	N1	5030	68.6	500	UG/L			JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	CHROMIUM, TOTAL	147.50	N1	2.6	1.2	5	UG/L	J	T	JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	COBALT	147.50	N1	5.8	2.6	5	UG/L	J	S	JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	IRON	147.50	N1	1810	7.3	100	UG/L			JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	MAGNESIUM	147.50	N1	3000	39.4	500	UG/L			JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	MANGANESE	147.50	N1	128	1.3	5	UG/L			JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	POTASSIUM	147.50	N1	587	33.7	750	UG/L	J	T	JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	SILICON	147.50	N1	4820	7.9	100	UG/L			JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	SODIUM	147.50	N1	6620	37.8	500	UG/L			JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	ALUMINUM (TOTAL)	147.50	N1	38.9	21.1	100	UG/L	J	T	JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	BARIUM (TOTAL)	147.50	N1	4.9	1.8	5	UG/L	J	T	JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	CALCIUM (TOTAL)	147.50	N1	5060	68.6	500	UG/L			JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	CHROMIUM (TOTAL)	147.50	N1	3.7	1.2	5	UG/L	J	T	JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	COBALT (TOTAL)	147.50	N1	6.1	2.6	5	UG/L	J	S	JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	IRON (TOTAL)	147.50	N1	1830	7.3	100	UG/L			JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	MAGNESIUM (TOTAL)	147.50	N1	3020	39.4	500	UG/L			JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	MANGANESE (TOTAL)	147.50	N1	126	1.3	5	UG/L			JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	POTASSIUM (TOTAL)	147.50	N1	564	33.7	750	UG/L	J	T	JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	SILICON (TOTAL)	147.50	N1	4750	7.9	100	UG/L			JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C200.7	SODIUM (TOTAL)	147.50	N1	6490	37.8	500	UG/L			JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C206.2	ARSENIC	147.50	N1	2.7	1	2	UG/L	J	W	JEGO
90MW0003	FS12-GMW-3-01	10/02/96	WG	C239.2	LEAD	147.50	N1	3.2	1	2	UG/L	J	Z	JEGO

Location	Sample ID	Date	Matrix	Test	Analyte	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0003	FS12-GMW-3-01	10/02/96	WG	C239.2	LEAD (TOTAL)	147.50	N1	3.2	1	2	UG/L	J	Z	JEGO
90MW0003	90-EW0003-01	01/16/97	SO	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.00	N1	480	110	390	UG/KG			JEGO
90MW0003	90-EW0003-01	01/16/97	SO	SW8270	DI-N-OCTYLPHTHALATE	0.00	N1	570	150	390	UG/KG			JEGO
90MW0003	90MW0003-01	11/12/96	WG	E524.2	1,2-DIBROMOETHANE (EDB)	152.50	N1	92	9	50	UG/L			JEGO
90MW0003	90MW0003-01	11/12/96	WG	E524.2	1,3,5-TRIMETHYLBENZENE (MESITYLE	152.50	N1	23	.07	.5	UG/L	J	63	JEGO
90MW0003	90MW0003-01	11/12/96	WG	E524.2	BENZENE	152.50	N1	1500	8	50	UG/L			JEGO
90MW0003	90MW0003-01	11/12/96	WG	E524.2	CYMENE	152.50	N1	15	.06	.5	UG/L	J	63	JEGO
90MW0003	90MW0003-01	11/12/96	WG	E524.2	ETHYLBENZENE	152.50	N1	20	.08	.5	UG/L	J	3	JEGO
90MW0003	90MW0003-01	11/12/96	WG	E524.2	ISOPROPYLBENZENE (CUMENE)	152.50	N1	13	.08	.5	UG/L	J	63	JEGO
90MW0003	90MW0003-01	11/12/96	WG	E524.2	M,P-XYLENE (SUM OF ISOMERS)	152.50	N1	27	.2	.5	UG/L	J	3	JEGO
90MW0003	90MW0003-01	11/12/96	WG	E524.2	N-PROPYLBENZENE	152.50	N1	13	.05	.5	UG/L	J	3	JEGO
90MW0003	90MW0003-01	11/12/96	WG	E524.2	NAPHTHALENE	152.50	N1	92	11	50	UG/L			JEGO
90MW0003	90MW0003-01	11/12/96	WG	E524.2	O-XYLENE (1,2-DIMETHYLBENZENE)	152.50	N1	100	8	50	UG/L			JEGO
90MW0003	90MW0003-01	11/12/96	WG	E524.2	SEC-BUTYLBENZENE	152.50	N1	3	.07	.5	UG/L	J	63	JEGO
90MW0003	90MW0003-01	11/12/96	WG	E524.2	TOLUENE	152.50	N1	23	.08	.5	UG/L	J	3	JEGO
90MW0004	90MW0004-01	11/12/96	WG	E524.2	NAPHTHALENE	88.50	N1	.7	.1	.5	UG/L			JEGO
90MW0004	90MW0004-01	11/12/96	WG	E524.2	TOLUENE	88.50	N1	.3	.08	.5	UG/L	J	T	JEGO
90MW0015	90MW015-01	11/08/96	WG	E130.2	HARDNESS (AS CACO3)	98.50	N1	10	2	5	MG/L			JEGO
90MW0015	90MW015-01	11/08/96	WG	E160.1	TOTAL DISSOLVED SOLIDS	98.50	N1	53	2.7	5	MG/L			JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	E300	BROMIDE	99.75	N1	.036	.0032	.1	MG/L	J	T	JEGO
90MW0015	90MW015-01	11/08/96	WG	E300	BROMIDE	98.50	N1	.4	.1	.5	MG/L	J	T	JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	E300	CHLORIDE (AS CL)	99.75	N1	9.5	1.1	2	MG/L			JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	E300	FLUORIDE	99.75	N1	.036	.012	.1	MG/L	J	T	JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	E300	PHOSPHORUS, DISSOLVED ORTHOPHOSP	99.75	N1	.099	.0056	.2	MG/L	J	T	JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	E300	SULFATE (AS SO4)	99.75	N1	5.2	.58	2	MG/L			JEGO
90MW0015	90MW015-01	11/08/96	WG	E300	SULFATE (AS SO4)	98.50	N1	4.6	.26	1	MG/L			JEGO
90MW0015	90MW015-01	11/08/96	WG	E310.1	ALKALINITY, TOTAL (AS CACO3)	98.50	N1	8	5	5	MG/L			JEGO
90MW0015	90MW015-01	11/08/96	WG	E325.2	CHLORIDE (AS CL)	98.50	N1	10	.2	1	MG/L			JEGO
90MW0015	90MW015-01	11/08/96	WG	E353.2	NITROGEN, NITRATE-NITRITE	98.50	N1	.02	.01	.1	MG/L	J	6HT	JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	C200.7	ALUMINUM	99.75	N1	29.3	23.9	100	UG/L	J	T	JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	C200.7	BARIUM	99.75	N1	2.4	1.8	5	UG/L	J	T	JEGO
90MW0015	90MW015-01	11/08/96	WG	C200.7	BARIUM	98.50	N1	2.9	.2	20	UG/L	J	T	JEGO
90MW0015	90MW015-01	11/08/96	WG	C200.7	BORON	98.50	N1	77.5	14.9	200	UG/L	J	T	JEGO
90MW0015	90MW015-01	11/08/96	WG	C200.7	CADMIUM	98.50	N1	.59	.2	1	UG/L	J	T	JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	C200.7	CALCIUM	99.75	N1	1960	21.4	500	UG/L			JEGO
90MW0015	90MW015-01	11/08/96	WG	C200.7	CALCIUM	98.50	N1	2350	6.8	500	UG/L			JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	C200.7	CHROMIUM, TOTAL	99.75	N1	2.5	1.2	5	UG/L	J	T	JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	C200.7	MAGNESIUM	99.75	N1	1010	59.1	500	UG/L			JEGO
90MW0015	90MW015-01	11/08/96	WG	C200.7	MAGNESIUM	98.50	N1	1120	24.2	500	UG/L			JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	C200.7	MANGANESE	99.75	N1	2.1	1.3	5	UG/L	J	T	JEGO
90MW0015	90MW015-01	11/08/96	WG	C200.7	MANGANESE	98.50	N1	.56	.3	10	UG/L	J	T	JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	C200.7	POTASSIUM	99.75	N1	434	33.7	750	UG/L	J	T	JEGO
90MW0015	90MW015-01	11/08/96	WG	C200.7	POTASSIUM	98.50	N1	631	340	750	UG/L	J	TZ	JEGO

Location	Sample ID	Date	Matrix	Test	Analyte	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0015	FS12-GMW-15-01	09/27/96	WG	C200.7	SILICON	99.75	N1	4450	7.9	100	UG/L			JEGO
90MW0015	90MW015-01	11/08/96	WG	C200.7	SILICON	98.50	N1	5480	34.2	500	UG/L			JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	C200.7	SODIUM	99.75	N1	5190	37.8	500	UG/L			JEGO
90MW0015	90MW015-01	11/08/96	WG	C200.7	SODIUM	98.50	N1	7030	18.5	500	UG/L			JEGO
90MW0015	90MW015-01	11/08/96	WG	C200.7	ZINC	98.50	N1	14.2	1.2	5	UG/L			JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	C200.7	ALUMINUM (TOTAL)	99.75	N1	29	23.9	100	UG/L	J	T	JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	C200.7	BARIUM (TOTAL)	99.75	N1	2.6	1.8	5	UG/L	J	T	JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	C200.7	CALCIUM (TOTAL)	99.75	N1	1930	21.4	500	UG/L			JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	C200.7	CHROMIUM (TOTAL)	99.75	N1	2	1.2	5	UG/L	J	T	JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	C200.7	IRON (TOTAL)	99.75	N1	25	5.3	100	UG/L	J	TZ	JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	C200.7	MAGNESIUM (TOTAL)	99.75	N1	1070	59.1	500	UG/L			JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	C200.7	POTASSIUM (TOTAL)	99.75	N1	452	33.7	750	UG/L	J	T	JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	C200.7	SILICON (TOTAL)	99.75	N1	4590	7.9	100	UG/L			JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	C200.7	SODIUM (TOTAL)	99.75	N1	5200	37.8	500	UG/L			JEGO
90MW0015	FS12-GMW-15-01	09/27/96	WG	C270.2	SELENIUM (TOTAL)	99.75	N1	2.4	2	3	UG/L	J	T	JEGO
90MW0015	90MW015-02	11/18/96	WG	CVOL	BENZENE	99.00	N1	1	.13	1	UG/L			JEGO
90MW0015	90MW015-02	11/18/96	WG	CVOL	CHLOROFORM	99.00	N1	3	.13	1	UG/L			JEGO
90MW0015	90MW015-02	11/18/96	WG	CVOL	TOLUENE	99.00	N1	.6	.08	1	UG/L	J	T	JEGO
90MW0015	90MW015-02	11/18/96	WG	CVOL	XYLENES, TOTAL	99.00	N1	1	.26	1	UG/L			JEGO
90MW0021	90-MW0021-01	01/29/97	WG	E524.2	TRICHLOROETHYLENE (TCE)	132.90	N1	.1	.07	.5	UG/L	J	T	JEGO
90MW0022	90-MW0022-01	01/29/97	WG	E524.2	CHLOROFORM	118.50	N1	.49	.09	.5	UG/L	J	T	JEGO
90MW0022	90-MW0022-01	01/29/97	WG	E524.2	TRICHLOROETHYLENE (TCE)	118.50	N1	.085	.07	.5	UG/L	J	T	JEGO
90MW0026	90MW026-01	11/05/96	WG	E504	1,2-DIBROMOETHANE (EDB)	149.00	N1	1.5	.02	.05	UG/L	J	S	JEGO
90MW0026	90MW026-01	11/05/96	WG	E524.2	1,2-DIBROMOETHANE (EDB)	149.00	N1	1.7	.08	.5	UG/L			JEGO
90MW0026	90MW026-01	11/05/96	WG	E524.2	METHYLENE CHLORIDE	149.00	N1	.82	.13	.5	UG/L			JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	E300	BROMIDE	160.50	N1	.033	.0032	.1	MG/L	J	T	JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	E300	CHLORIDE (AS CL)	160.50	N1	8.3	1.1	2	MG/L			JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	E300	FLUORIDE	160.50	N1	.038	.012	.1	MG/L	J	T	JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	E300	NITROGEN, NITRATE-NITRITE	160.50	N1	.23	.0053	.2	MG/L			JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	E300	PHOSPHORUS, DISSOLVED ORTHOPHOSP	160.50	N1	.095	.0056	.2	MG/L	J	T	JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	E300	SULFATE (AS SO4)	160.50	N1	3.7	.58	2	MG/L			JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	C200.7	ALUMINUM	160.50	N1	59.1	21.1	100	UG/L	J	S	JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	C200.7	BERYLLIUM	160.50	N1	.08	.1	1	UG/L	J	T	JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	C200.7	COPPER	160.50	N1	11.7	.6	5	UG/L			JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	C200.7	IRON	160.50	N1	51.2	7.3	100	UG/L	J	Z	JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	C200.7	MANGANESE	160.50	N1	2.7	.3	5	UG/L	J	T	JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	C200.7	NICKEL	160.50	N1	1.3	1.1	10	UG/L	J	T	JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	C200.7	POTASSIUM	160.50	N1	434	33.7	750	UG/L	J	T	JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	C200.7	SILICON	160.50	N1	4660	7.9	100	UG/L			JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	C200.7	SODIUM	160.50	N1	5730	37.8	500	UG/L	J	G	JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	C200.7	ALUMINUM (TOTAL)	160.50	N1	334	21.1	100	UG/L	J	S	JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	C200.7	IRON (TOTAL)	160.50	N1	383	7.3	100	UG/L	J	GZ	JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	C200.7	MANGANESE (TOTAL)	160.50	N1	4.9	.3	5	UG/L	J	T	JEGO

Location	Sample ID	Date	Matrix	Test	Analyte	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0033	90GWX33XXX-01	10/17/96	WG	C200.7	NICKEL (TOTAL)	160.50	N1	1.5	1.1	10	UG/L	J	T	JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	C200.7	POTASSIUM (TOTAL)	160.50	N1	506	33.7	750	UG/L	J	T	JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	C200.7	SILICON (TOTAL)	160.50	N1	5420	7.9	100	UG/L			JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	C200.7	SODIUM (TOTAL)	160.50	N1	5960	37.8	500	UG/L	J	G	JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	C200.7	VANADIUM (TOTAL)	160.50	N1	.99	.8	10	UG/L	J	T	JEGO
90MW0033	90GWX33XXX-01	10/17/96	WG	C245.1	MERCURY	160.50	N1	.18	.1	.2	UG/L	J	T	JEGO
90MW0034	90MW034-01	11/06/96	WG	E524.2	1,3,5-TRIMETHYLBENZENE (MESITYLE	101.00	N1	9.5	3.5	12	UG/L	J	T	JEGO
90MW0034	90MW034-01	11/06/96	WG	E524.2	BENZENE	101.00	N1	15	1.2	12	UG/L			JEGO
90MW0034	90MW034-01	11/06/96	WG	E524.2	ETHYLBENZENE	101.00	N1	390	2.2	12	UG/L			JEGO
90MW0034	90MW034-01	11/06/96	WG	E524.2	ISOPROPYLBENZENE (CUMENE)	101.00	N1	14	2.2	12	UG/L			JEGO
90MW0034	90MW034-01	11/06/96	WG	E524.2	M,P-XYLENE (SUM OF ISOMERS)	101.00	N1	97	6	12	UG/L			JEGO
90MW0034	90MW034-01	11/06/96	WG	E524.2	N-BUTYLBENZENE	101.00	N1	6.4	4.5	12	UG/L	J	T	JEGO
90MW0034	90MW034-01	11/06/96	WG	E524.2	N-PROPYLBENZENE	101.00	N1	27	4	12	UG/L			JEGO
90MW0034	90MW034-01	11/06/96	WG	E524.2	NAPHTHALENE	101.00	N1	110	7.2	12	UG/L	J	6	JEGO
90MW0034	90MW034-01	11/06/96	WG	E524.2	O-XYLENE (1,2-DIMETHYLBENZENE)	101.00	N1	130	2.2	12	UG/L			JEGO
90MW0034	90MW034-01	11/06/96	WG	E524.2	TOLUENE	101.00	N1	49	1.8	12	UG/L			JEGO
90MW0038	90-MW0038-01	01/29/97	WG	E524.2	CHLOROFORM	99.65	N1	.33	.09	.5	UG/L	J	T	JEGO
90MW0038	90-MW0038-01	01/29/97	WG	E524.2	TOLUENE	99.65	N1	.1	.07	.5	UG/L	J	T	JEGO
90MW0042	90MW0042-01	11/15/96	WG	E524.2	CHLOROFORM	155.50	N1	1.16	.34	.5	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	E300	BROMIDE	186.50	N1	.043	.0032	.1	MG/L	J	T	JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	E300	CHLORIDE (AS CL)	186.50	N1	8.8	1.1	2	MG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	E300	FLUORIDE	186.50	N1	.072	.012	.1	MG/L	J	T	JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	E300	NITROGEN, NITRATE-NITRITE	186.50	N1	.033	.0053	.2	MG/L	J	T	JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	E300	PHOSPHORUS, DISSOLVED ORTHOPHOSP	186.50	N1	.079	.0056	.2	MG/L	J	T	JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	E300	SULFATE (AS SO4)	186.50	N1	7.8	.58	2	MG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	ALUMINUM	186.50	N1	90.8	21.1	100	UG/L	J	T	JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	BARIUM	186.50	N1	2.4	1.8	5	UG/L	J	T	JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	CALCIUM	186.50	N1	2500	68.6	500	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	COBALT	186.50	N1	2.6	2.6	5	UG/L	J	T	JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	IRON	186.50	N1	1030	7.3	100	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	MAGNESIUM	186.50	N1	1080	39.4	500	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	MANGANESE	186.50	N1	36.2	1.3	5	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	NICKEL	186.50	N1	7.4	4.7	10	UG/L	J	T	JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	POTASSIUM	186.50	N1	624	33.7	750	UG/L	J	T	JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	SILICON	186.50	N1	7540	7.9	100	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	SODIUM	186.50	N1	5290	37.8	500	UG/L	J	N	JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	ZINC	186.50	N1	8.7	3.8	5	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	ALUMINUM (TOTAL)	186.50	N1	13900	21.1	100	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	BARIUM (TOTAL)	186.50	N1	58.3	1.8	5	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	BERYLLIUM (TOTAL)	186.50	N1	1.3	1	1	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	CALCIUM (TOTAL)	186.50	N1	4180	68.6	500	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	CHROMIUM (TOTAL)	186.50	N1	107	1.2	5	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	COBALT (TOTAL)	186.50	N1	19	2.6	5	UG/L			JEGO

Location	Sample ID	Date	Matrix	Test	Analyte	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	COPPER (TOTAL)	186.50	N1	22.3	1.7	5	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	IRON (TOTAL)	186.50	N1	24900	7.3	100	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	MAGNESIUM (TOTAL)	186.50	N1	6380	39.4	500	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	MANGANESE (TOTAL)	186.50	N1	240	1.3	5	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	NICKEL (TOTAL)	186.50	N1	81.5	4.7	10	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	POTASSIUM (TOTAL)	186.50	N1	4380	33.7	750	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	SILICON (TOTAL)	186.50	N1	28400	7.9	100	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	SODIUM (TOTAL)	186.50	N1	6460	37.8	500	UG/L	J	N	JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	VANADIUM (TOTAL)	186.50	N1	36.6	4.4	10	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C200.7	ZINC (TOTAL)	186.50	N1	87.2	3.8	5	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C206.2	ARSENIC (TOTAL)	186.50	N1	3.9	1	2	UG/L			JEGO
90MW0047	FS12-GMW-47-01	10/09/96	WG	C239.2	LEAD (TOTAL)	186.50	N1	13.9	1	2	UG/L	J	K	JEGO
90MW0050	90MW050-01	11/14/96	WG	E504	1,2-DIBROMOETHANE (EDB)	88.50	N1	.22	.005	.01	UG/L			JEGO
90MW0050	90MW050-01	11/14/96	WG	CVOL	CHLOROFORM	88.50	N1	1	.5	1	UG/L			JEGO
90MW0053	90MW053-01	11/05/96	WG	E504	1,2-DIBROMOETHANE (EDB)	195.00	N1	.006	.0039	.01	UG/L	J	T	JEGO
90MW0053	90MW053-01	11/05/96	WG	E524.2	METHYLENE CHLORIDE	195.00	N1	.71	.13	.5	UG/L			JEGO
90MW0054	FS12-GMW-54-01	09/24/96	WG	E300	BROMIDE	110.50	N1	.033	.0032	.1	MG/L	J	T	JEGO
90MW0054	FS12-GMW-54-01	09/24/96	WG	E300	CHLORIDE (AS CL)	110.50	N1	26	5.3	10	MG/L			JEGO
90MW0054	FS12-GMW-54-01	09/24/96	WG	E300	NITROGEN, NITRATE-NITRITE	110.50	N1	.23	.0053	.2	MG/L			JEGO
90MW0054	FS12-GMW-54-01	09/24/96	WG	E300	SULFATE (AS SO4)	110.50	N1	1.9	.058	.2	MG/L			JEGO
90MW0054	FS12-GMW-54-01	09/24/96	WG	C200.7	BARIUM	110.50	N1	15.1	1.8	5	UG/L			JEGO
90MW0054	FS12-GMW-54-01	09/24/96	WG	C200.7	CALCIUM	110.50	N1	5970	21.4	500	UG/L			JEGO
90MW0054	FS12-GMW-54-01	09/24/96	WG	C200.7	MAGNESIUM	110.50	N1	3700	59.1	500	UG/L			JEGO
90MW0054	FS12-GMW-54-01	09/24/96	WG	C200.7	MANGANESE	110.50	N1	35	1.3	5	UG/L			JEGO
90MW0054	FS12-GMW-54-01	09/24/96	WG	C200.7	POTASSIUM	110.50	N1	1360	33.7	750	UG/L			JEGO
90MW0054	FS12-GMW-54-01	09/24/96	WG	C200.7	SILICON	110.50	N1	4160	7.9	100	UG/L	J	6	JEGO
90MW0054	FS12-GMW-54-01	09/24/96	WG	C200.7	SODIUM	110.50	N1	8710	37.8	500	UG/L			JEGO
90MW0054	FS12-GMW-54-01	09/24/96	WG	C200.7	ZINC	110.50	N1	10.6	3.8	5	UG/L			JEGO
90MW0054	FS12-GMW-54-01	09/24/96	WG	C200.7	BARIUM (TOTAL)	110.50	N1	14.7	1.8	5	UG/L			JEGO
90MW0054	FS12-GMW-54-01	09/24/96	WG	C200.7	CALCIUM (TOTAL)	110.50	N1	5860	21.4	500	UG/L			JEGO
90MW0054	FS12-GMW-54-01	09/24/96	WG	C200.7	MAGNESIUM (TOTAL)	110.50	N1	3690	59.1	500	UG/L			JEGO
90MW0054	FS12-GMW-54-01	09/24/96	WG	C200.7	MANGANESE (TOTAL)	110.50	N1	35.8	1.3	5	UG/L			JEGO
90MW0054	FS12-GMW-54-01	09/24/96	WG	C200.7	POTASSIUM (TOTAL)	110.50	N1	1310	33.7	750	UG/L			JEGO
90MW0054	FS12-GMW-54-01	09/24/96	WG	C200.7	SILICON (TOTAL)	110.50	N1	4090	7.9	100	UG/L	J	6	JEGO
90MW0054	FS12-GMW-54-01	09/24/96	WG	C200.7	SODIUM (TOTAL)	110.50	N1	8430	37.8	500	UG/L			JEGO
90MW0054	FS12-GMW-54-01	09/24/96	WG	C200.7	ZINC (TOTAL)	110.50	N1	9.9	3.8	5	UG/L			JEGO
90MW0054	90MW054-01	11/14/96	WG	CVOL	CHLOROFORM	61.00	N1	4	.5	1	UG/L			JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	E300	BROMIDE	177.50	N1	.041	.0032	.1	MG/L	J	T	JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	E300	CHLORIDE (AS CL)	177.50	N1	8	1.1	2	MG/L			JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	E300	FLUORIDE	177.50	N1	.081	.012	.1	MG/L	J	T	JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	E300	NITROGEN, NITRATE-NITRITE	177.50	N1	.053	.0053	.2	MG/L	J	T	JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	E300	SULFATE (AS SO4)	177.50	N1	3.4	.58	2	MG/L			JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	ALUMINUM	177.50	N1	38.5	23.9	100	UG/L	J	TZ	JEGO

Location	Sample ID	Date	Matrix	Test	Analyte	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	CALCIUM	177.50	N1	2320	21.4	500	UG/L			JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	IRON	177.50	N1	29.4	5.3	100	UG/L	J	TZ	JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	MAGNESIUM	177.50	N1	844	59.1	500	UG/L			JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	MANGANESE	177.50	N1	75.4	1.3	5	UG/L			JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	POTASSIUM	177.50	N1	497	33.7	750	UG/L	J	T	JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	SILICON	177.50	N1	6940	7.9	100	UG/L	J	6	JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	SODIUM	177.50	N1	5290	37.8	500	UG/L			JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	ZINC	177.50	N1	5	3.8	5	UG/L	J	T	JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	ALUMINUM (TOTAL)	177.50	N1	835	23.9	100	UG/L			JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	BARIUM (TOTAL)	177.50	N1	5.1	1.8	5	UG/L			JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	CALCIUM (TOTAL)	177.50	N1	2410	21.4	500	UG/L			JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	CHROMIUM (TOTAL)	177.50	N1	11.1	1.2	5	UG/L			JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	COBALT (TOTAL)	177.50	N1	4.2	2.6	5	UG/L	J	T	JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	IRON (TOTAL)	177.50	N1	1340	5.3	100	UG/L			JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	MAGNESIUM (TOTAL)	177.50	N1	1070	59.1	500	UG/L			JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	MANGANESE (TOTAL)	177.50	N1	92.7	1.3	5	UG/L			JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	NICKEL (TOTAL)	177.50	N1	11.6	4.7	10	UG/L			JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	POTASSIUM (TOTAL)	177.50	N1	657	33.7	750	UG/L	J	T	JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	SILICON (TOTAL)	177.50	N1	8190	7.9	100	UG/L	J	6	JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	SODIUM (TOTAL)	177.50	N1	5430	37.8	500	UG/L			JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C200.7	ZINC (TOTAL)	177.50	N1	9.7	3.8	5	UG/L			JEGO
90MW0057	FS12-GMW-57-01	09/24/96	WG	C239.2	LEAD (TOTAL)	177.50	N1	18.5	2	2	UG/L			JEGO
90MW0057	90MW057-01	11/04/96	WG	E524.2	CHLOROFORM	55.52	N1	.83	.09	.5	UG/L	J	1	JEGO
90MW0058	90MW058-01	11/04/96	WG	E524.2	CHLOROFORM	31.01	N1	.43	.09	.5	UG/L	J	T1	JEGO
90MW0060	90MW0060-01	11/19/96	WG	CVOL	CHLOROFORM	149.50	N1	2	.13	1	UG/L			JEGO
90MW0061	90MW0061-01	11/19/96	WG	CVOL	BENZENE	157.00	N1	.3	.26	2	UG/L	J	T	JEGO
90MW0061	90MW0061-01	11/19/96	WG	CVOL	ETHYLBENZENE	157.00	N1	48	.26	2	UG/L			JEGO
90MW0061	90MW0061-01	11/19/96	WG	CVOL	TOLUENE	157.00	N1	2	.16	2	UG/L			JEGO
90MW0061	90MW0061-01	11/19/96	WG	CVOL	XYLENES, TOTAL	157.00	N1	3	.52	2	UG/L			JEGO
90MW0065	90-MW0065-01	12/09/96	WG	E524.2	CHLOROFORM	132.50	N1	1.23	.34	.5	UG/L			JEGO
90MW0066A	90-MW0066A-01	12/11/96	WG	E504	1,2-DIBROMOETHANE (EDB)	145.00	N1	.0344	.0044	.02	UG/L	J	P	JEGO
90MW0066A	90-MW0066A-01	12/11/96	WG	E524.2	CHLOROFORM	145.00	N1	1.18	.34	.5	UG/L			JEGO
90MW0069	90MW0069-02	12/04/96	WG	E524.2	CHLOROFORM	32.50	N1	9.6	.09	.5	UG/L	J	4	JEGO
90MW0069	90MW0069-03	12/04/96	WG	E524.2	CHLOROFORM	42.50	N1	1.9	.09	.5	UG/L			JEGO
90MW0069	90-MW0069-01	01/30/97	WG	E524.2	CHLOROFORM	51.70	N1	2.4	.09	.5	UG/L			JEGO
90MW0069	90MW0069-01	12/04/96	WG	E524.2	METHYLENE CHLORIDE	22.50	N1	.16	.13	.5	UG/L	J	T	JEGO
90MW0069	90MW0069-01	12/04/96	WG	E524.2	TOLUENE	22.50	N1	.15	.07	.5	UG/L	J	T	JEGO
90MW0069	90MW0069-02	12/04/96	WG	E524.2	TOLUENE	32.50	N1	.27	.07	.5	UG/L	J	T	JEGO
90MW0069	90MW0069-03	12/04/96	WG	E524.2	TOLUENE	42.50	N1	.13	.07	.5	UG/L	J	T	JEGO
90MW0069	90MW0069-04	12/04/96	WG	E524.2	TOLUENE	52.50	N1	.12	.07	.5	UG/L	J	T	JEGO
90MW0069	90MW0069-07	12/04/96	WG	E524.2	TOLUENE	82.50	N1	.085	.07	.5	UG/L	J	T	JEGO
90MW0069	90MW0069-10	12/04/96	WG	E524.2	TOLUENE	112.50	N1	.098	.07	.5	UG/L	J	T	JEGO
90MW0069	90MW0069-20	12/06/96	WG	E524.2	TOLUENE	192.50	N1	.42	.07	.5	UG/L	J	T	JEGO

Location	Sample ID	Date	Matrix	Test	Analyte	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0070	90MW0070-01	12/06/96	WG	E524.2	CHLOROFORM	67.50	N1	1.7	.09	.5	UG/L			JEGO
90MW0070	90MW0070-02	12/06/96	WG	E524.2	CHLOROFORM	77.50	N1	1.6	.09	.5	UG/L			JEGO
90MW0070	90-MW0070-01	01/28/97	WG	E524.2	CHLOROFORM	134.30	N1	.69	.09	.5	UG/L	J	6	JEGO
90MW0070	90MW0070-03	12/06/96	WG	E524.2	ETHYLBENZENE	87.50	N1	.1	.09	.5	UG/L	J	T	JEGO
90MW0070	90MW0070-03	12/06/96	WG	E524.2	TOLUENE	87.50	N1	.19	.07	.5	UG/L	J	T	JEGO
90MW0070	90MW0070-04	12/06/96	WG	E524.2	TOLUENE	97.50	N1	.1	.07	.5	UG/L	J	T	JEGO
90MW0070	90MW0070-08	12/09/96	WG	E524.2	TOLUENE	117.50	N1	.18	.07	.5	UG/L	J	T	JEGO
90MW0070	90MW0070-09	12/09/96	WG	E524.2	TOLUENE	127.50	N1	.16	.07	.5	UG/L	J	T	JEGO
90MW0070	90MW0070-10	12/09/96	WG	E524.2	TOLUENE	137.50	N1	.2	.07	.5	UG/L	J	T	JEGO
90MW0070	90MW0070-11	12/09/96	WG	E524.2	TOLUENE	147.50	N1	.23	.07	.5	UG/L	J	T	JEGO
90MW0070	90MW0070-12	12/09/96	WG	E524.2	TOLUENE	157.50	N1	.12	.07	.5	UG/L	J	T	JEGO
90MW0070	90MW0070-13	12/09/96	WG	E524.2	TOLUENE	177.50	N1	.28	.07	.5	UG/L	J	T	JEGO
90MW0070	90-MW0070-01	01/28/97	WG	E524.2	TRICHLOROETHYLENE (TCE)	134.30	N1	.12	.07	.5	UG/L	J	T	JEGO
90MW0071	90-MW0071-04	12/12/96	WG	E524.2	BENZENE	122.50	N1	.27	.05	.5	UG/L	J	T	JEGO
90MW0071	90-MW0071-05	12/12/96	WG	E524.2	BENZENE	132.50	N1	.18	.05	.5	UG/L	J	T	JEGO
90MW0071	90-MW0071-07	12/12/96	WG	E524.2	BENZENE	152.50	N1	.12	.05	.5	UG/L	J	T	JEGO
90MW0071	90-MW0071-02	12/12/96	WG	E524.2	CHLOROFORM	102.50	N1	2	.09	.5	UG/L			JEGO
90MW0071	90-MW0071-03	12/12/96	WG	E524.2	CHLOROFORM	112.50	N1	1.6	.09	.5	UG/L	J	4	JEGO
90MW0071	90-MW0071-04	12/12/96	WG	E524.2	CHLOROFORM	122.50	N1	1.8	.09	.5	UG/L			JEGO
90MW0071	90-MW0071-05	12/12/96	WG	E524.2	CHLOROFORM	132.50	N1	1.7	.09	.5	UG/L			JEGO
90MW0071	90-MW0071-16	01/30/97	WG	E524.2	CHLOROFORM	152.20	N1	.6	.09	.5	UG/L			JEGO
90MW0071	90-MW0071-03	12/12/96	WG	E524.2	M,P-XYLENE (SUM OF ISOMERS)	112.50	N1	.28	.24	.5	UG/L	J	T	JEGO
90MW0071	90-MW0071-03	12/12/96	WG	E524.2	O-XYLENE (1,2-DIMETHYLBENZENE)	112.50	N1	.16	.09	.5	UG/L	J	T	JEGO
90MW0071	90-MW0071-05	12/12/96	WG	E524.2	O-XYLENE (1,2-DIMETHYLBENZENE)	132.50	N1	.17	.09	.5	UG/L	J	T	JEGO
90MW0071	90-MW0071-03	12/12/96	WG	E524.2	TERT-BUTYL METHYL ETHER	112.50	N1	.16	.11	.5	UG/L	J	T	JEGO
90MW0071	90-MW0071-01	12/12/96	WG	E524.2	TOLUENE	92.50	N1	.17	.07	.5	UG/L	J	T	JEGO
90MW0071	90-MW0071-02	12/12/96	WG	E524.2	TOLUENE	102.50	N1	.12	.07	.5	UG/L	J	T	JEGO
90MW0071	90-MW0071-03	12/12/96	WG	E524.2	TOLUENE	112.50	N1	.45	.07	.5	UG/L	J	T	JEGO
90MW0071	90-MW0071-04	12/12/96	WG	E524.2	TOLUENE	122.50	N1	.17	.07	.5	UG/L	J	T	JEGO
90MW0071	90-MW0071-05	12/12/96	WG	E524.2	TOLUENE	132.50	N1	.2	.07	.5	UG/L	J	T	JEGO
90MW0071	90-MW0071-06	12/12/96	WG	E524.2	TOLUENE	142.50	N1	.22	.07	.5	UG/L	J	T	JEGO
90MW0071	90-MW0071-07	12/12/96	WG	E524.2	TOLUENE	152.50	N1	.18	.07	.5	UG/L	J	T	JEGO
90MW0071	90-MW0071-08	12/12/96	WG	E524.2	TOLUENE	162.50	N1	.12	.07	.5	UG/L	J	T	JEGO
90WT0004	90-WT0004-01	01/29/97	WG	E524.2	CHLOROFORM	43.10	N1	1.1	.09	.5	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	E300	BROMIDE	101.75	N1	.049	.0032	.1	MG/L	J	T	JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	E300	CHLORIDE (AS CL)	101.75	N1	18	1.1	2	MG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	E300	FLUORIDE	101.75	N1	.044	.012	.1	MG/L	J	T	JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	E300	NITROGEN, NITRATE-NITRITE	101.75	N1	.38	.0053	.2	MG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	E300	SULFATE (AS SO4)	101.75	N1	2.1	.58	2	MG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	BARIUM	101.75	N1	13.8	1.8	5	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	CALCIUM	101.75	N1	1900	21.4	500	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	CHROMIUM, TOTAL	101.75	N1	1.7	1.2	5	UG/L	J	T	JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	COBALT	101.75	N1	9.7	2.6	5	UG/L			JEGO

Location	Sample ID	Date	Matrix	Test	Analyte	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	COPPER	101.75	N1	3.1	1.7	5	UG/L	J	T	JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	IRON	101.75	N1	8580	5.3	100	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	MAGNESIUM	101.75	N1	1650	59.1	500	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	MANGANESE	101.75	N1	465	1.3	5	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	POTASSIUM	101.75	N1	1260	33.7	750	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	SILICON	101.75	N1	6700	7.9	100	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	SODIUM	101.75	N1	10300	37.8	500	UG/L	J	G	JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	ZINC	101.75	N1	4.4	3.8	5	UG/L	J	T	JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	BARIUM (TOTAL)	101.75	N1	13.8	1.8	5	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	CALCIUM (TOTAL)	101.75	N1	1890	21.4	500	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	CHROMIUM (TOTAL)	101.75	N1	2.1	1.2	5	UG/L	J	T	JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	COBALT (TOTAL)	101.75	N1	10	2.6	5	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	COPPER (TOTAL)	101.75	N1	11.8	1.7	5	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	IRON (TOTAL)	101.75	N1	8770	5.3	100	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	MAGNESIUM (TOTAL)	101.75	N1	1670	59.1	500	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	MANGANESE (TOTAL)	101.75	N1	472	1.3	5	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	POTASSIUM (TOTAL)	101.75	N1	1240	33.7	750	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	SILICON (TOTAL)	101.75	N1	6840	7.9	100	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	SODIUM (TOTAL)	101.75	N1	10200	37.8	500	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C200.7	ZINC (TOTAL)	101.75	N1	4.8	3.8	5	UG/L	J	T	JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C206.2	ARSENIC	101.75	N1	5.6	1	2	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C206.2	ARSENIC (TOTAL)	101.75	N1	4.1	1	2	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C239.2	LEAD	101.75	N1	18	2	2	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C239.2	LEAD (TOTAL)	101.75	N1	19.1	2	2	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C245.1	MERCURY	101.75	N1	.23	.1	.2	UG/L			JEGO
90WT0013	FS12-WT-13-01	09/27/96	WG	C245.1	MERCURY (TOTAL)	101.75	N1	.41	.1	.2	UG/L			JEGO
90WT0013	90WT013-01	11/08/96	WG	E524.2	1,2,4-TRIMETHYLBENZENE	102.00	N1	96	6.5	25	UG/L			JEGO
90WT0013	90WT013-01	11/08/96	WG	E524.2	1,3,5-TRIMETHYLBENZENE (MESITYLE	102.00	N1	51	7	25	UG/L			JEGO
90WT0013	90WT013-01	11/08/96	WG	E524.2	ETHYLBENZENE	102.00	N1	140	4.5	25	UG/L			JEGO
90WT0013	90WT013-01	11/08/96	WG	E524.2	ISOPROPYLBENZENE (CUMENE)	102.00	N1	12	4.5	25	UG/L	J	T	JEGO
90WT0013	90WT013-01	11/08/96	WG	E524.2	M,P-XYLENE (SUM OF ISOMERS)	102.00	N1	530	12	25	UG/L			JEGO
90WT0013	90WT013-01	11/08/96	WG	E524.2	METHYLENE CHLORIDE	102.00	N1	14	25	200	UG/L	J	T	JEGO
90WT0013	90WT013-01	11/08/96	WG	E524.2	N-PROPYLBENZENE	102.00	N1	14	8	25	UG/L	J	T	JEGO
90WT0013	90WT013-01	11/08/96	WG	E524.2	O-XYLENE (1,2-DIMETHYLBENZENE)	102.00	N1	290	4.5	25	UG/L			JEGO
90WT0013	90WT013-01	11/08/96	WG	E524.2	TOLUENE	102.00	N1	430	3.5	25	UG/L			JEGO

APPENDIX B

DATA SUMMARY REPORT FOR FUEL SPILL-12 PERFORMANCE MONITORING EVALUATION PROGRAM

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ACRONYMS AND ABBREVIATIONS

AFCEE	U.S. Air Force Center for Environmental Excellence
Aq	aqueous
CLP	Contract Laboratory Program
CRDL	contract required detection limits
DQO	data quality objective
EB	equipment blank
EDB	ethylene dibromide
EPA	U.S. Environmental Protection Agency
FS-12	Fuel Spill-12
ID	identification number
IDL	instrument detection limit
IS	internal standard
LCS	laboratory control spike
LCSD	laboratory control spike duplicate
MMR	Massachusetts Military Reservation
MS	matrix spike
MSD	matrix spike duplicate
ND	not detected
PARCC	precision, accuracy, representativeness, comparability, and completeness
PME	performance monitoring evaluation
PQL	practical quantitation limit
QAPP	Quality Assurance Program Plan
QESF	Quanterra Environmental Services, Florida

ACRONYMS AND ABBREVIATIONS

QESK	Quanterra Environmental Services, Knoxville
QC	quality control
QPP	*Quality Program Plan*
RC	Reason code
RF	response factor
RL	reporting limit
RPD	relative percent difference
RSD	relative standard deviations
SOW	Statements of Work
TB	trip blank
UJ	estimated
VOC	volatile organic compound
WG	Groundwater
%D	percent difference
%RSD	percent relative standard deviation

1.0 SAMPLE COLLECTION FOR THE FUEL SPILL-12 PERFORMANCE MONITORING EVALUATION PROGRAM

Jacobs Engineering Group Inc. collected and evaluated data from 36 groundwater samples to obtain sufficient data to meet the objectives of Fuel Spill-12 (FS-12) Performance Monitoring Evaluation (PME) program. Samples used for the FS-12 PME program were collected between September 5 and September 17, 1997. Also collected and submitted for analysis were four equipment blanks, seven trip blanks, field duplicate samples, and matrix spike and matrix spike duplicate (MS/MSD) sample pairs. Samples were analyzed in accordance with the U.S. Environmental Protection Agency (EPA) methods specified in Appendix C of the Massachusetts Military Reservation (MMR) *Quality Program Plan* (QPP) (Air Force Center for Environmental Excellence 1998). The actual analyses performed on each sample are listed in Section 2.0 of this appendix. All data were reviewed and validated in accordance with MMR project-specific data review guidelines, which are based on the documents listed below:

Samples were validated at either Level D (i.e., EPA Level IV), after a review of summary forms and raw data, or Level C (i.e., EPA Level III), after a review of the summary form information only. Project-specific data review guidelines for the MMR Plume Response Program are based on EPA Region I and AFCEE validation requirements. Field and laboratory quality control (QC) sample results were evaluated as part of both the Level C and Level D validations. Sample results were qualified, if necessary, based on the QC sample evaluation so that the database would reflect accurate results. The results of the QC samples and the data validation are summarized in Section 4 of this appendix.

2.0 SAMPLE IDENTIFICATION

The following samples were collected and analyzed under this sample event. Each Jacobs location identification (Location ID) is cross-referenced with its Jacobs chain of custody ID (Control No.), the sample ID, the analytical laboratory, and the analysis performed on each sample. Analyses were performed by the Quanterra

Environmental Services (QESF and QESK) laboratories in Tampa, FL and Knoxville, TN.

TABLE 2-1
Sample ID Cross-Reference and Analyses

Sample ID	Control No.	Location ID	Laboratory	Analysis
03PWS0913-12	OT-F077202	03PWS0913	QESF	Ethylene Dibromide
03PWS0913-12	OT-F077201	03PWS0913	QESF	Volatile Organics
90JB0001B-02	OT-F064902	90JB0001B	QESF	Ethylene Dibromide
90JB0001B-02	OT-F065001	90JB0001B	QESK	Total Metals
90JB0001B-02	OT-F064901	90JB0001B	QESF	Volatile Organics
90JB0001C-01	OT-F064904	90JB0001C	QESF	Ethylene Dibromide
90JB0001C-01	OT-F065002	90JB0001C	QESK	Total Metals
90JB0001C-01	OT-F064903	90JB0001C	QESF	Volatile Organics
90JB0001C-01FD	OT-F064906	90JB0001C	QESF	Ethylene Dibromide
90JB0001C-01FD	OT-F065003	90JB0001C	QESK	Total Metals
90JB0001C-01FD	OT-F064905	90JB0001C	QESF	Volatile Organics
90JB0001D-02	OT-F064908	90JB0001D	QESF	Ethylene Dibromide
90JB0001D-02	OT-F065004	90JB0001D	QESK	Total Metals
90JB0001D-02	OT-F064907	90JB0001D	QESF	Volatile Organics
90JB0004A-02	OT-F064402	90JB0004A	QESF	Ethylene Dibromide
90JB0004A-02	OT-F064501	90JB0004A	QESK	Total Metals
90JB0004A-02	OT-F064401	90JB0004A	QESF	Volatile Organics
90JB0004C-02	OT-F064404	90JB0004C	QESF	Ethylene Dibromide
90JB0004C-02	OT-F064502	90JB0004C	QESK	Total Metals
90JB0004C-02	OT-F064403	90JB0004C	QESF	Volatile Organics
90MW0003-03	OT-F060802	90MW0003	QESF	Ethylene Dibromide
90MW0003-03	OT-F060901	90MW0003	QESK	Total Metals
90MW0003-03	OT-F060801	90MW0003	QESF	Volatile Organics
90MW0004-03	OT-F060804	90MW0004	QESF	Ethylene Dibromide
90MW0004-03	OT-F060902	90MW0004	QESK	Total Metals
90MW0004-03	OT-F060803	90MW0004	QESF	Volatile Organics
90MW0005-01	OT-F061902	90MW0005	QESF	Ethylene Dibromide
90MW0005-01	OT-F062001	90MW0005	QESK	Total Metals
90MW0005-01	OT-F061901	90MW0005	QESF	Volatile Organics
90MW0025-01	OT-F061306	90MW0025	QESF	Ethylene Dibromide
90MW0025-01	OT-F061403	90MW0025	QESK	Total Metals
90MW0025-01	OT-F061305	90MW0025	QESF	Volatile Organics
90MW0027-01	OT-F061602	90MW0027	QESF	Ethylene Dibromide
90MW0027-01	OT-F061701	90MW0027	QESK	Total Metals
90MW0027-01	OT-F061601	90MW0027	QESF	Volatile Organics
90MW0028-01	OT-F065802	90MW0028	QESF	Ethylene Dibromide
90MW0028-01	OT-F065901	90MW0028	QESK	Total Metals
90MW0028-01	OT-F065801	90MW0028	QESF	Volatile Organics
90MW0033-02	OT-F061302	90MW0033	QESF	Ethylene Dibromide

TABLE 2-1
Sample ID Cross-Reference and Analyses

Sample ID	Control No.	Location ID	Laboratory	Analysis
90MW0033-02	OT-F061401	90MW0033	QESK	Total Metals
90MW0033-02	OT-F061301	90MW0033	QESF	Volatile Organics
90MW0040-01	OT-F062102	90MW0040	QESF	Ethylene Dibromide
90MW0040-01	OT-F062201	90MW0040	QESK	Total Metals
90MW0040-01	OT-F062101	90MW0040	QESF	Volatile Organics
90MW0040-01FD	OT-F062104	90MW0040	QESF	Ethylene Dibromide
90MW0040-01FD	OT-F062202	90MW0040	QESK	Total Metals
90MW0040-01FD	OT-F062103	90MW0040	QESF	Volatile Organics
90MW0042-02	OT-F062106	90MW0042	QESF	Ethylene Dibromide
90MW0042-02	OT-F062203	90MW0042	QESK	Total Metals
90MW0042-02	OT-F062105	90MW0042	QESF	Volatile Organics
90MW0050-01	OT-F062302	90MW0050	QESF	Ethylene Dibromide
90MW0050-01	OT-F062401	90MW0050	QESK	Total Metals
90MW0050-01	OT-F062301	90MW0050	QESF	Volatile Organics
90MW0053-01	OT-F062304	90MW0053	QESF	Ethylene Dibromide
90MW0053-01	OT-F062402	90MW0053	QESK	Total Metals
90MW0053-01	OT-F062303	90MW0053	QESF	Volatile Organics
90MW0055-01	OT-F077402	90MW0055	QESF	Ethylene Dibromide
90MW0055-01	OT-F077501	90MW0055	QESK	Total Metals
90MW0055-01	OT-F077401	90MW0055	QESF	Volatile Organics
90MW0064-01	OT-F062502	90MW0064	QESF	Ethylene Dibromide
90MW0064-01	OT-F062501	90MW0064	QESF	Volatile Organics
90MW0064A-01	OT-F062504	90MW0064A	QESF	Ethylene Dibromide
90MW0064A-01	OT-F062503	90MW0064A	QESF	Volatile Organics
90MW0066-08	OT-F063602	90MW0066	QESF	Ethylene Dibromide
90MW0066-08	OT-F063603	90MW0066	QESF	General Chemistry
90MW0066-08	OT-F063701	90MW0066	QESK	Total Metals
90MW0066-08	OT-F063601	90MW0066	QESF	Volatile Organics
90MW0066A-01	OT-F063606	90MW0066A	QESF	Ethylene Dibromide
90MW0066A-01	OT-F063605	90MW0066A	QESF	General Chemistry
90MW0066A-01	OT-F063702	90MW0066A	QESK	Total Metals
90MW0066A-01	OT-F063604	90MW0066A	QESF	Volatile Organics
90MW0068-13	OT-F062306	90MW0068	QESF	Ethylene Dibromide
90MW0068-13	OT-F062305	90MW0068	QESF	Volatile Organics
90MW0070-15	OT-F066102	90MW0070	QESF	Ethylene Dibromide
90MW0070-15	OT-F066201	90MW0070	QESK	Total Metals
90MW0070-15	OT-F066101	90MW0070	QESF	Volatile Organics
90MW0076-01	OT-F065104	90MW0076	QESF	Ethylene Dibromide
90MW0076-01	OT-F065201	90MW0076	QESK	Total Metals
90MW0076-01	OT-F065103	90MW0076	QESF	Volatile Organics
90MW0077-01	OT-F065102	90MW0077	QESF	Ethylene Dibromide
90MW0077-01	OT-F065101	90MW0077	QESF	Volatile Organics
90MW0078-01	OT-F064006	90MW0078	QESF	Ethylene Dibromide
90MW0078-01	OT-F064005	90MW0078	QESF	Volatile Organics

TABLE 2-1
Sample ID Cross-Reference and Analyses

Sample ID	Control No.	Location ID	Laboratory	Analysis
90MW0079A-01	OT-F064002	90MW0079A	QESF	Ethylene Dibromide
90MW0079A-01	OT-F064001	90MW0079A	QESF	Volatile Organics
90MW0079B-01	OT-F064004	90MW0079B	QESF	Ethylene Dibromide
90MW0079B-01	OT-F064003	90MW0079B	QESF	Volatile Organics
90MW0080-01	OT-F062702	90MW0080	QESF	Ethylene Dibromide
90MW0080-01	OT-F062801	90MW0080	QESK	Total Metals
90MW0080-01	OT-F062701	90MW0080	QESF	Volatile Organics
90MW0081-01	OT-F063102	90MW0081	QESF	Ethylene Dibromide
90MW0081-01	OT-F063201	90MW0081	QESK	Total Metals
90MW0081-01	OT-F063101	90MW0081	QESF	Volatile Organics
90MW0083-01	OT-F064606	90MW0083	QESF	Ethylene Dibromide
90MW0083-01	OT-F064607	90MW0083	QESF	General Chemistry
90MW0083-01	OT-F064701	90MW0083	QESK	Total Metals
90MW0083-01	OT-F064605	90MW0083	QESF	Volatile Organics
90MW0084A-01	OT-F064602	90MW0084A	QESF	Ethylene Dibromide
90MW0084A-01	OT-F064601	90MW0084A	QESF	Volatile Organics
90MW0084B-01	OT-F064604	90MW0084B	QESF	Ethylene Dibromide
90MW0084B-01	OT-F064603	90MW0084B	QESF	Volatile Organics
90MW0085A-01	OT-F066303	90MW0085A	QESF	Ethylene Dibromide
90MW0085A-01	OT-F066302	90MW0085A	QESF	General Chemistry
90MW0085A-01	OT-F066401	90MW0085A	QESK	Total Metals
90MW0085A-01	OT-F066301	90MW0085A	QESF	Volatile Organics
90MW0085B-01	OT-F066306	90MW0085B	QESF	Ethylene Dibromide
90MW0085B-01	OT-F066305	90MW0085B	QESF	General Chemistry
90MW0085B-01	OT-F066402	90MW0085B	QESK	Total Metals
90MW0085B-01	OT-F066304	90MW0085B	QESF	Volatile Organics
090597-TB1-04	OT-F061001	FIELDQC	QESF	Volatile Organics
090897-EB1-04	OT-F062902	FIELDQC	QESF	Ethylene Dibromide
090897-EB1-04	OT-F063001	FIELDQC	QESK	Total Metals
090897-EB1-04	OT-F062901	FIELDQC	QESF	Volatile Organics
090897-TB1-04	OT-F061801	FIELDQC	QESF	Volatile Organics
091097-EB1-04	OT-F064202	FIELDQC	QESF	Ethylene Dibromide
091097-EB1-04	OT-F064301	FIELDQC	QESK	Total Metals
091097-EB1-04	OT-F064201	FIELDQC	QESF	Volatile Organics
091097-TB1-04	OT-F064101	FIELDQC	QESF	Volatile Organics
091197-EB1-04	OT-F065402	FIELDQC	QESF	Ethylene Dibromide
091197-EB1-04	OT-F065501	FIELDQC	QESK	Total Metals
091197-EB1-04	OT-F065401	FIELDQC	QESF	Volatile Organics
091197-TB1-04	OT-F064801	FIELDQC	QESF	Volatile Organics
091297-EB1-04	OT-F065602	FIELDQC	QESF	Ethylene Dibromide
091297-EB1-04	OT-F065701	FIELDQC	QESK	Total Metals
091297-EB1-04	OT-F065601	FIELDQC	QESF	Volatile Organics
091297-TB1-04	OT-F065301	FIELDQC	QESF	Volatile Organics
091597-TB1-04	OT-F066001	FIELDQC	QESF	Volatile Organics

TABLE 2-1
Sample ID Cross-Reference and Analyses

Sample ID	Control No.	Location ID	Laboratory	Analysis
091797-TB1-04	OT-F077301	FIELDQC	QESF	Volatile Organics
091797-TB2-04	OT-F079401	FIELDQC	QESF	Volatile Organics

3.0 ANALYTICAL PARAMETERS

Analyses performed on these samples were conducted according to methods specified in the MMR *Quality Program Plan* (QPP) and the AFCEE Quality Assurance Program Plan (QAPP) (AFCEE 1996) by QESF and QESK laboratories under subcontract with Jacobs Engineering.

Data quality is measured by five parameters: precision, accuracy, representativeness, completeness, and comparability (PARCC). The goals set for each of these parameters are referred to as the data quality objectives (DQOs). Actual sample and quality control results are compared to the project DQOs to determine whether quality objectives were met for the sampling event data. Table 3-1 lists the analyses performed for this sampling event and their respective precision and accuracy goals.

TABLE 3-1
Data Quality Objectives for Analytical Methods and Accuracy, Precision, and Completeness

Analysis	Matrix	Accuracy: Spike Recovery (%)	Precision: Duplicate RPD (%)	Completeness
Volatile Organic Compounds (VOCs) by EPA MethodOLC02.1	Aq	CLP	CLP	95
Metals (Dissolved and Total) by EPA Method ILM04.0	Aq	CLP	CLP	95
Ethylene dibromide (EDB) by EPA Method 504.1	Aq	70-130	< 20	95

Aqueous (Aq) media include groundwater, surface water, leachates, and field blanks.

Precision and accuracy criteria are those specified in EPA Contract Laboratory Program (CLP) Statements of Work (SOW): *Superfund Analytical Methods for Organics Analysis, Multi-Media, Multi-Concentration, Superfund Analytical Methods for Low Concentration Organics,* and *Statement of Work for Inorganics Analysis, Multi-Media, Multi-Concentration.*

TABLE 4-1
Calibration Summary

Sample ID	Analysis	Analyte	Qualifier	RC
90MW0033-02	Volatile Organics	ACETONE	R	QS
90MW0033-02	Volatile Organics	METHYL ETHYL KETONE	R	QS
90MW0033-02	Volatile Organics	METHYL ISOBUTYL KETONE	UJ	QS
90MW0040-01	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	Q
90MW0040-01	Volatile Organics	ACETONE	R	Q
90MW0040-01	Volatile Organics	METHYL ETHYL KETONE	R	Q
90MW0040-01FD	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	Q
90MW0040-01FD	Volatile Organics	ACETONE	R	Q
90MW0040-01FD	Volatile Organics	METHYL ETHYL KETONE	R	Q
90MW0042-02	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	Q
90MW0042-02	Volatile Organics	ACETONE	R	Q
90MW0042-02	Volatile Organics	METHYL ETHYL KETONE	R	Q
90MW0050-01	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	QS
90MW0050-01	Ethylene Dibromide	1,2-DIBROMOETHANE (EDB)	J	S
90MW0050-01	Volatile Organics	2-HEXANONE	UJ	QS
90MW0050-01	Volatile Organics	ACETONE	R	QS
90MW0050-01	Volatile Organics	METHYL ETHYL KETONE	R	QS
90MW0050-01	Volatile Organics	METHYL ISOBUTYL KETONE	UJ	QS
90MW0053-01	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	QS
90MW0053-01	Ethylene Dibromide	1,2-DIBROMOETHANE (EDB)	J	S
90MW0053-01	Volatile Organics	2-HEXANONE	UJ	QS
90MW0053-01	Volatile Organics	ACETONE	R	QS
90MW0053-01	Volatile Organics	METHYL ETHYL KETONE	R	QS
90MW0053-01	Volatile Organics	METHYL ISOBUTYL KETONE	UJ	QS
90MW0055-01	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	QS
90MW0055-01	Volatile Organics	2-HEXANONE	UJ	QS
90MW0055-01	Volatile Organics	ACETONE	R	QS
90MW0055-01	Volatile Organics	METHYL ETHYL KETONE	R	QS
90MW0055-01	Volatile Organics	METHYL ISOBUTYL KETONE	UJ	QS
90MW0064-01	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	QS
90MW0064-01	Volatile Organics	2-HEXANONE	UJ	QS
90MW0064-01	Volatile Organics	ACETONE	R	QS
90MW0064-01	Volatile Organics	METHYL ETHYL KETONE	R	QS
90MW0064-01	Volatile Organics	METHYL ISOBUTYL KETONE	UJ	QS
90MW0064A-01	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	QS
90MW0064A-01	Volatile Organics	2-HEXANONE	UJ	QS
90MW0064A-01	Volatile Organics	ACETONE	R	QS
90MW0064A-01	Volatile Organics	METHYL ETHYL KETONE	R	QS
90MW0064A-01	Volatile Organics	METHYL ISOBUTYL KETONE	UJ	QS
90MW0066-08	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	Q
90MW0066-08	Volatile Organics	ACETONE	R	Q
90MW0066-08	Volatile Organics	METHYL ETHYL KETONE	R	Q
90MW0066A-01	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	Q
90MW0066A-01	Volatile Organics	ACETONE	R	Q

TABLE 4-1
Calibration Summary

Sample ID	Analysis	Analyte	Qualifier	RC
90MW0066A-01	Volatile Organics	METHYL ETHYL KETONE	R	Q
90MW0068-13	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	QS
90MW0068-13	Volatile Organics	2-HEXANONE	UJ	QS
90MW0068-13	Volatile Organics	ACETONE	R	QS
90MW0068-13	Volatile Organics	METHYL ETHYL KETONE	R	QS
90MW0068-13	Volatile Organics	METHYL ISOBUTYL KETONE	UJ	QS
90MW0070-15	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	QS
90MW0070-15	Volatile Organics	ACETONE	R	QS
90MW0070-15	Volatile Organics	METHYL ETHYL KETONE	R	QS
90MW0076-01	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	QS
90MW0076-01	Volatile Organics	2-HEXANONE	UJ	QS
90MW0076-01	Volatile Organics	ACETONE	R	QS
90MW0076-01	Volatile Organics	METHYL ETHYL KETONE	R	QS
90MW0076-01	Volatile Organics	METHYL ISOBUTYL KETONE	UJ	QS
90MW0077-01	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	QS
90MW0077-01	Volatile Organics	2-HEXANONE	UJ	QS
90MW0077-01	Volatile Organics	ACETONE	R	QS
90MW0077-01	Volatile Organics	METHYL ETHYL KETONE	R	QS
90MW0077-01	Volatile Organics	METHYL ISOBUTYL KETONE	UJ	QS
90MW0078-01	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	Q
90MW0078-01	Volatile Organics	ACETONE	R	Q
90MW0078-01	Volatile Organics	METHYL ETHYL KETONE	R	Q
90MW0079A-01	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	Q
90MW0079A-01	Volatile Organics	ACETONE	R	Q
90MW0079A-01	Volatile Organics	METHYL ETHYL KETONE	R	Q
90MW0079B-01	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	Q
90MW0079B-01	Volatile Organics	ACETONE	R	Q
90MW0079B-01	Volatile Organics	METHYL ETHYL KETONE	R	Q
90MW0080-01	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	QS
90MW0080-01	Volatile Organics	2-HEXANONE	UJ	QS
90MW0080-01	Volatile Organics	ACETONE	R	QS
90MW0080-01	Volatile Organics	METHYL ETHYL KETONE	R	QS
90MW0080-01	Volatile Organics	METHYL ISOBUTYL KETONE	UJ	QS
90MW0081-01	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	Q
90MW0081-01	Volatile Organics	ACETONE	R	Q
90MW0081-01	Volatile Organics	METHYL ETHYL KETONE	R	Q
90MW0083-01	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	QS
90MW0083-01	Volatile Organics	2-HEXANONE	UJ	QS
90MW0083-01	Volatile Organics	ACETONE	R	QS
90MW0083-01	Volatile Organics	METHYL ETHYL KETONE	R	QS
90MW0083-01	Volatile Organics	METHYL ISOBUTYL KETONE	UJ	QS
90MW0084A-01	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	QS
90MW0084A-01	Volatile Organics	2-HEXANONE	UJ	QS
90MW0084A-01	Volatile Organics	ACETONE	R	QS

TABLE 4-1
Calibration Summary

Sample ID	Analysis	Analyte	Qualifier	RC
90MW0084A-01	Volatile Organics	METHYL ETHYL KETONE	R	QS
90MW0084A-01	Volatile Organics	METHYL ISOBUTYL KETONE	UJ	QS
90MW0084B-01	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	QS
90MW0084B-01	Volatile Organics	2-HEXANONE	UJ	QS
90MW0084B-01	Volatile Organics	ACETONE	R	QS
90MW0084B-01	Volatile Organics	METHYL ETHYL KETONE	R	QS
90MW0084B-01	Volatile Organics	METHYL ISOBUTYL KETONE	UJ	QS
90MW0085A-01	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	QS
90MW0085A-01	Volatile Organics	2-HEXANONE	UJ	QS
90MW0085A-01	Volatile Organics	ACETONE	R	QS
90MW0085A-01	Volatile Organics	METHYL ETHYL KETONE	R	QS
90MW0085A-01	Volatile Organics	METHYL ISOBUTYL KETONE	UJ	QS
90MW0085B-01	Volatile Organics	1,2-DIBROMO-3-CHLOROPROPANE	R	QS
90MW0085B-01	Volatile Organics	2-HEXANONE	UJ	QS
90MW0085B-01	Volatile Organics	ACETONE	R	QS
90MW0085B-01	Volatile Organics	METHYL ETHYL KETONE	R	QS
90MW0085B-01	Volatile Organics	METHYL ISOBUTYL KETONE	UJ	QS

When results are qualified based on calibration results, reason codes (RCs) of "Q" or "S" are applied to the result with the data qualifier. The RC applied depends on whether the analyte did not meet calibration criteria in the initial calibration (Q), the continuing calibration (S), or both (QS).

The only results rejected as a result of calibrations were the three volatile organic compounds (VOCs), i.e., acetone, methyl-ethyl-ketone, and 1,2-dibromo-3-chloropropane. These compounds have poor purge efficiencies and, therefore, commonly have initial or continuing calibration response factors (RFs) of less than the acceptance criteria of 0.05. CLP Method OLC-02.1 does not specify minimum RF criteria for these compounds. However, data review guidelines require qualification for all compounds with initial or continuing calibrations RFs less than 0.05. Based on this criteria, non-detected results for acetone, methyl-ethyl-ketone, and 1,2-dibromo-3-chloropropane were rejected (R). VOC results for 2-hexanone and methyl-isobutyl-ketone were estimated when the percent relative standard deviation (%RSD) criteria for the initial calibration standard and/or the percent difference (%D)

criteria for the continuing calibration standard was exceeded. For compounds where the initial calibration standard %RSD was greater than 30 percent and/or the continuing calibration %D was greater than 25 percent, associated detected results were estimated (J). For compounds where the initial calibration standard %RSD and/or the continuing calibration %D was greater than 50 percent, associated nondetected results were qualified as estimated (UJ). All estimated VOC sample results are considered usable. Three detected ethylene dibromide (EDB) results were estimated (J) based on the calibration criteria.

Calibrations were acceptable for 100 percent of the EDB analyses and metals data. The volatiles data with acceptable calibrations was 93 percent. All of the data were usable except for the rejected ketones which comprised seven percent of the volatiles data.

4.1.3 Laboratory Blanks

Laboratory blanks are prepared and analyzed along with batches of field samples. Laboratory blanks exhibiting contamination are evaluated against their associated (same analytical batch) field samples to determine if laboratory conditions attributed to positive detects in the field samples. Usually, positive results in the field samples that are less than five times the highest associated laboratory blank level are considered nondetect and qualified with the "U" flag. For common laboratory contaminants, e.g., acetone, 2-butanone, methylene chloride, toluene, and all phthalates, the action level is established at ten times the highest associated laboratory blank level.

Table 4-2 lists the field samples that were qualified based on laboratory blank contamination. These analytes were detected in their respective field samples, but were considered not detected after data validation because of the levels at which these analytes were found in the laboratory blanks.

TABLE 4-2
Laboratory Blank Summary

Sample ID	Analysis	Analyte
90JB0001B-02	Total Metals	ALUMINUM
90JB0001B-02	Total Metals	CHROMIUM, TOTAL
90JB0001B-02	Total Metals	COBALT
90JB0001B-02	Total Metals	IRON
90JB0001B-02	Total Metals	THALLIUM
90JB0001B-02	Total Metals	ZINC
90JB0001C-01	Total Metals	ALUMINUM
90JB0001C-01	Total Metals	ANTIMONY
90JB0001C-01	Total Metals	BARIUM
90JB0001C-01	Total Metals	BERYLLIUM
90JB0001C-01	Total Metals	CHROMIUM, TOTAL
90JB0001C-01	Total Metals	COBALT
90JB0001C-01	Total Metals	IRON
90JB0001C-01	Total Metals	MANGANESE
90JB0001C-01	Total Metals	THALLIUM
90JB0001C-01FD	Total Metals	ALUMINUM
90JB0001C-01FD	Total Metals	BARIUM
90JB0001C-01FD	Total Metals	BERYLLIUM
90JB0001C-01FD	Total Metals	CHROMIUM, TOTAL
90JB0001C-01FD	Total Metals	COBALT
90JB0001C-01FD	Total Metals	IRON
90JB0001C-01FD	Total Metals	MANGANESE
90JB0001C-01FD	Total Metals	THALLIUM
90JB0001C-01FD	Total Metals	ZINC
90JB0001D-02	Total Metals	ALUMINUM
90JB0001D-02	Total Metals	BARIUM
90JB0001D-02	Total Metals	CHROMIUM, TOTAL
90JB0001D-02	Total Metals	COBALT
90JB0001D-02	Total Metals	IRON
90JB0001D-02	Total Metals	MANGANESE
90JB0001D-02	Total Metals	THALLIUM
90JB0001D-02	Total Metals	VANADIUM
90JB0001D-02	Total Metals	ZINC
90JB0004A-02	Total Metals	ALUMINUM
90JB0004A-02	Total Metals	ANTIMONY
90JB0004A-02	Total Metals	BARIUM
90JB0004A-02	Total Metals	CHROMIUM, TOTAL
90JB0004A-02	Total Metals	COBALT
90JB0004A-02	Total Metals	THALLIUM
90JB0004C-02	Total Metals	ALUMINUM
90JB0004C-02	Total Metals	ANTIMONY
90JB0004C-02	Total Metals	CHROMIUM, TOTAL
90JB0004C-02	Total Metals	COBALT
90JB0004C-02	Total Metals	THALLIUM

TABLE 4-2
Laboratory Blank Summary

Sample ID	Analysis	Analyte
90JB0004C-02	Total Metals	ZINC
90MW0003-03	Total Metals	ALUMINUM
90MW0003-03	Total Metals	ANTIMONY
90MW0003-03	Total Metals	CHROMIUM, TOTAL
90MW0003-03	Total Metals	THALLIUM
90MW0004-03	Total Metals	ALUMINUM
90MW0004-03	Total Metals	CHROMIUM, TOTAL
90MW0004-03	Total Metals	COBALT
90MW0004-03	Total Metals	IRON
90MW0004-03	Total Metals	MANGANESE
90MW0004-03	Total Metals	THALLIUM
90MW0005-01	Total Metals	ALUMINUM
90MW0005-01	Total Metals	ANTIMONY
90MW0005-01	Total Metals	COBALT
90MW0005-01	Total Metals	THALLIUM
90MW0025-01	Total Metals	ALUMINUM
90MW0025-01	Total Metals	COBALT
90MW0025-01	Total Metals	IRON
90MW0025-01	Total Metals	THALLIUM
90MW0027-01	Total Metals	ALUMINUM
90MW0027-01	Total Metals	COBALT
90MW0027-01	Total Metals	THALLIUM
90MW0028-01	Total Metals	ALUMINUM
90MW0028-01	Total Metals	BERYLLIUM
90MW0028-01	Total Metals	CHROMIUM, TOTAL
90MW0028-01	Total Metals	COBALT
90MW0028-01	Total Metals	THALLIUM
90MW0028-01	Total Metals	VANADIUM
90MW0028-01	Total Metals	ZINC
90MW0033-02	Total Metals	THALLIUM
90MW0040-01	Total Metals	ALUMINUM
90MW0040-01	Total Metals	BARIUM
90MW0040-01	Total Metals	BERYLLIUM
90MW0040-01	Total Metals	CHROMIUM, TOTAL
90MW0040-01	Total Metals	COBALT
90MW0040-01	Total Metals	IRON
90MW0040-01	Total Metals	THALLIUM
90MW0040-01	Total Metals	VANADIUM
90MW0040-01	Total Metals	ZINC
90MW0040-01FD	Total Metals	ALUMINUM
90MW0040-01FD	Total Metals	ANTIMONY
90MW0040-01FD	Total Metals	BARIUM
90MW0040-01FD	Total Metals	BERYLLIUM
90MW0040-01FD	Total Metals	CHROMIUM, TOTAL

TABLE 4-2
Laboratory Blank Summary

Sample ID	Analysis	Analyte
90MW0040-01FD	Total Metals	COBALT
90MW0040-01FD	Total Metals	IRON
90MW0040-01FD	Total Metals	THALLIUM
90MW0040-01FD	Total Metals	ZINC
90MW0042-02	Total Metals	THALLIUM
90MW0042-02	Total Metals	ZINC
90MW0050-01	Total Metals	ALUMINUM
90MW0050-01	Total Metals	BARIUM
90MW0050-01	Total Metals	BERYLLIUM
90MW0050-01	Total Metals	CHROMIUM, TOTAL
90MW0050-01	Total Metals	COBALT
90MW0050-01	Total Metals	MANGANESE
90MW0050-01	Total Metals	THALLIUM
90MW0050-01	Total Metals	VANADIUM
90MW0053-01	Total Metals	ALUMINUM
90MW0053-01	Total Metals	BARIUM
90MW0053-01	Total Metals	COBALT
90MW0053-01	Total Metals	THALLIUM
90MW0055-01	Total Metals	BERYLLIUM
90MW0055-01	Total Metals	COBALT
90MW0055-01	Total Metals	VANADIUM
90MW0066-08	Total Metals	COBALT
90MW0066-08	Total Metals	THALLIUM
90MW0066-08	Total Metals	VANADIUM
90MW0066-08	Total Metals	ZINC
90MW0066A-01	Total Metals	ALUMINUM
90MW0066A-01	Total Metals	ANTIMONY
90MW0066A-01	Total Metals	BARIUM
90MW0066A-01	Total Metals	CHROMIUM, TOTAL
90MW0066A-01	Total Metals	COBALT
90MW0066A-01	Total Metals	IRON
90MW0066A-01	Total Metals	THALLIUM
90MW0066A-01	Total Metals	VANADIUM
90MW0070-15	Total Metals	ALUMINUM
90MW0070-15	Total Metals	ANTIMONY
90MW0070-15	Total Metals	BERYLLIUM
90MW0070-15	Total Metals	CHROMIUM, TOTAL
90MW0070-15	Total Metals	COBALT
90MW0070-15	Total Metals	IRON
90MW0070-15	Total Metals	THALLIUM
90MW0076-01	Total Metals	ALUMINUM
90MW0076-01	Total Metals	COBALT
90MW0076-01	Total Metals	THALLIUM
90MW0080-01	Total Metals	IRON

TABLE 4-2
Laboratory Blank Summary

Sample ID	Analysis	Analyte
90MW0080-01	Total Metals	MANGANESE
90MW0081-01	Total Metals	ALUMINUM
90MW0081-01	Total Metals	ANTIMONY
90MW0081-01	Total Metals	CHROMIUM, TOTAL
90MW0081-01	Total Metals	COBALT
90MW0081-01	Total Metals	IRON
90MW0081-01	Total Metals	THALLIUM
90MW0083-01	Total Metals	ALUMINUM
90MW0083-01	Total Metals	ANTIMONY
90MW0083-01	Total Metals	COBALT
90MW0083-01	Total Metals	IRON
90MW0083-01	Total Metals	MANGANESE
90MW0083-01	Total Metals	THALLIUM
90MW0083-01	Total Metals	ZINC
90MW0085A-01	Total Metals	ANTIMONY
90MW0085A-01	Total Metals	CHROMIUM, TOTAL
90MW0085A-01	Total Metals	COBALT
90MW0085A-01	Total Metals	IRON
90MW0085A-01	Total Metals	THALLIUM
90MW0085B-01	Total Metals	CHROMIUM, TOTAL
90MW0085B-01	Total Metals	COBALT
90MW0085B-01	Total Metals	THALLIUM

The following metals were detected in one or more laboratory blanks: aluminum, antimony, barium, beryllium, chromium, cobalt, iron, manganese, thallium, vanadium, and zinc. Aluminum, chromium, cobalt, and thallium were the most prevalent contaminants. The qualification of the metals samples is more a reflection of the low instrument detection limits (IDLs) than of the contamination introduced by the laboratory. The contract required detection limits (CRDLs) listed in the methodology are often much greater than the actual IDLs for an analyte. The lab is required to report all results to the IDL. Thus, the blanks frequently contain trace levels of analytes which fall between the IDL and the CRDL. Associated sample data have been evaluated based on these blank levels and positive results less than five times the blank levels are considered false positives and have been qualified as nondetected (U). However, laboratory contamination is not discounted. It is

commonly seen at these levels, but there is no indication of consistent laboratory contamination that would cause data evaluation to be biased.

All laboratory blanks accompanying the EDB and volatile analyses were free from contamination.

4.1.4 Matrix Spikes

Matrix spike (MS) analyses are required for all methods. Matrix spike duplicate (MSD) analyses are required for organic methods. Results from these QC tests are evaluated in the validation process. Spiked analytes must have recoveries in the MS and MSD samples that meet pre-established percent recovery criteria. Precision between the MS/MSD samples must meet pre-established relative percent difference (RPD) criteria. For any spiked analyte which fails the percent recovery or RPD criteria, the result for that analyte in the parent sample is qualified as estimated (UJ or J). In cases where recoveries of spiked analytes are extremely low, the result in the parent sample is rejected (R).

No qualifications were necessary due to MS/MSD results.

4.1.5 Duplicates

Laboratory duplicates, which are analyzed with metals samples, are used to evaluate analytical precision. Analytical precision is evaluated by calculating a relative percent difference (RPD) when the sample and duplicate results are greater than or equal to five times the CRDL or reporting limit (RL), and by comparing the difference between the results when the either one or both of the sample and duplicate results is less than five times the CRDL or RL.

When an analyte from a laboratory duplicate did not meet acceptance criteria, the result in the parent sample was qualified as estimated (J or UJ) for that analyte. No qualifications were necessary for laboratory duplicates. Therefore, the duplicate data show that the laboratory analysis had a high degree of precision.

4.1.6 Laboratory Control Samples

Laboratory control samples (LCSs) and their duplicates (LCSDs) were required for all analyses under the JEG laboratory subcontract. Review of the calculated percent recoveries of the spiked analytes provided information on the analytical accuracy. Recoveries were compared to pre-established acceptance limits and results in associated samples were qualified if the LCS and LCSD recoveries did not fall within the criteria. If a bias in the results is suspected, the resultant qualification is estimation; if the results are suspected to be false negatives, the resultant qualification is rejection. Review of the calculated relative percent difference (RPD) between the LCS and the LCSD results provided information on analytical precision. When the RPD did not meet criteria, results in associated samples were qualified as estimated.

There were no effects on the samples from LCS/LCSD results. Laboratory precision was acceptable, as none of the sample results were qualified due to high RPDs.

4.1.7 Surrogates

Surrogates are added to each sample undergoing organic analyses to provide information for evaluating accuracy and to help in determining matrix interference. If surrogate recoveries do not meet pre-established criteria, the sample results are qualified, indicating probable bias in the results. A reason code of "3" is assigned to each qualified result. Usually sample results are estimated, unless the surrogate recovery is extremely low (less than 10 percent). Table 4-3 shows the sample results that were qualified as a result of surrogate recoveries outside criteria.

Table 4-3
Surrogate Summary

Sample ID	Analysis	Analyte	Qualifier
90MW0025-01	EDB	1,2-DIBROMOETHANE (EDB)	J

Only one sample was affected by poor surrogate recoveries. The surrogate recovery in the EDB analysis of sample 90MW0025-01 was low. The result for EDB in this

sample was qualified as estimated with a low bias. Overall, the surrogate recoveries were within acceptable limits.

4.1.8 Internal Standards

Internal standards (ISs) are added to samples to be analyzed for volatile organic compounds for the purpose of quantitation. The IS response is compared to the calibration standards to determine whether quantitation using the IS will be accurate. If the IS response does not meet pre-established criteria, analytes quantitated against the IS are qualified. All IS responses were found to be acceptable. Therefore, no qualifications were necessary.

4.2 FIELD QUALITY CONTROL

Field QC samples were collected to help assess analytical data quality. The results of the field QC samples for the FS-12 PME program are discussed in the sections below.

4.2.1 Field Blanks

Field blanks consisted of trip blanks (TB), analyzed for volatile organics only, and equipment blanks (EB). During data review, sample data may be qualified based on TB and EB results when the analyte result in the associated sample is less than five times (10 times for common laboratory contaminants) the concentration detected in the TB or EB. Tables 4-6 and 4-7 list the trip blanks and equipment blanks, respectively, associated with the FS-12 PME program that contained contaminants.

TABLE 4-4
Trip Blank Summary

Trip Blank ID	Analyte	Value	Qualifier	Units
090597-TB1-04	METHYLENE CHLORIDE	0.69	J	UG/L
090897-TB1-04	METHYLENE CHLORIDE	0.66	J	UG/L
091097-TB1-04	METHYLENE CHLORIDE	0.69	J	UG/L
091197-TB1-04	METHYLENE CHLORIDE	0.91	J	UG/L
091297-TB1-04	METHYLENE CHLORIDE	0.85	J	UG/L
091597-TB1-04	METHYLENE CHLORIDE	0.97	J	UG/L

TABLE 4-4
Trip Blank Summary

Trip Blank ID	Analyte	Value	Qualifier	Units
091797-TB2-04	METHYLENE CHLORIDE	0.71	J	UG/L
091797-TB1-04	METHYLENE CHLORIDE	0.95	J	UG/L

Trip blanks (TBs) contained only the common laboratory contaminant methylene chloride. The TBs resulted in the qualification of only one sample (90MW0053-01) and this compound is not a contaminant of concern in this investigation.

TABLE 4-5
Equipment Blank Summary

Eq. Blank ID	Analysis	Analyte	Value	Qualifier	Units
090897-EB1-04	Total Metals	ZINC	9.4		UG/L
090897-EB1-04	Total Metals	SODIUM	160	J	UG/L
091097-EB1-04	Total Metals	SODIUM	162	J	UG/L
091097-EB1-04	Total Metals	COPPER	2.9	J	UG/L
091197-EB1-04	Total Metals	SODIUM	51	J	UG/L
091197-EB1-04	Total Metals	NICKEL	3.2	J	UG/L
091197-EB1-04	Total Metals	CHROMIUM, TOTAL	5.7		UG/L
091297-EB1-04	Total Metals	ZINC	18.8		UG/L
091297-EB1-04	Total Metals	SODIUM	102	J	UG/L
091297-EB1-04	Total Metals	MERCURY	0.35		UG/L

The equipment blanks showed occasional contamination from chromium, copper, nickel, sodium, mercury, and zinc. These levels of contamination were low, and most were well below the detection limits. Contamination led to the qualification of four samples 90MWJB0004C-02 (nickel), 90MW0027-01 (zinc), 90MW0050-01 (iron and zinc), and 90MW0066-08 (copper). As with the laboratory blanks, the qualification of samples is often based on trace levels of an analyte which are detected between the IDL and CRDL. These trace levels lead to the qualification of the positive results less than five times the blank levels as nondetected (U) in all associated samples. No trends were associated with these results.

In general, the field blanks showed minimum contamination and reflect good sampling procedures.

4.2.2 Field Duplicates

Two field duplicate samples were collected and analyzed in order to evaluate field precision. Field duplicate results are evaluated during the data validation process by comparing the original sample results to the duplicate sample results and calculating an RPD. When the RPD exceeds a pre-established limit, showing the data is not comparable, positive sample results are qualified as estimated (J). The following sample did not have comparable results with its field duplicate.

TABLE 4-6
Field Duplicate Summary

Sample ID	Analyses	Analyte	RPD
90JB0001C-01	Total Metals	ZINC	74.29

One sample had a field duplicate that did not meet the RPD criteria for zinc. In general, there are no trends indicating deficiencies in field and analytical precision. This reflects good sampling and analysis practices.

5.0 DATA VALIDATION

The QC results discussed in Section 4.0 were evaluated during the data validation process. The following qualifiers were assigned to the data according to the validation guidelines:

- U - The analyte was analyzed for but was considered not detected. The associated numerical value is a quantitation limit.
- J - The analyte was detected, and the reported concentration is an estimated value.
- UJ - The analyte is considered not detected and the quantitation limit is an estimated value.
- R - The analysis is rejected; result is unusable.

CLP method-specific qualifiers used by a laboratory to designate noncompliant values have been either accepted or replaced with one of the above qualifiers. Data validation qualifiers were entered into the Jacobs database, from which data results for this sampling event were reported.

Table 5-1 presents a summary of the data validation actions taken on the sample data for this program.

Table 5-1
Data Validation Results Summary

Validation Criteria	VOCs	Metals	EDB
Data That Meet Holding Times	100%	100%	100%
Data Analyses with No Associated Blank Contamination	>99%	>75%	100%
Data Analyses with Acceptable Calibration	93%	100%	100%
Data Analyses without Duplicate Precision Qualification	100%	100%	100%
Data Analyses with Acceptable Spike Recovery	100%	100%	100%
Overall Data Completeness	93%	100%	100%

The only data that were unusable are the rejected data. Estimated results (J or UJ) are usable. Table 5-2 presents the percent completeness summary for this sampling event and lists the total number of rejected data points for each analysis. Groundwater (WG) was the only matrix sampled for this program. The percent completeness objective is 95% for aqueous samples.

TABLE 5-2
Percent Completeness Summary

Matrix	Analysis	Total Analytes	Rejected Analytes	% Complete
WG	Total Metals	644	0	100.00
WG	EDB	36	0	100.00
WG	Volatile Organics	1554	111	92.86

6.0 CORRECTIVE ACTION AND RESOLUTION

Corrective actions affecting analytical data for the FS-12 PME program were performed on the part of the laboratories. When required by the methodology or the

MMR QPP, the laboratories reanalyzed samples that did not meet QC criteria. Resampling was not required for any of the field samples collected under this investigation.

Seven samples were analyzed at dilution due to high levels of target VOCs. The sample collected from location 90JB0001B was analyzed at a two times dilution for VOCs. The samples collected from locations 90MW0040 (native sample) and 90MW0040 (field duplicate) were analyzed at a five times dilution for VOCs; the sample collected from location 90MW0040 and 90MW0040 (field duplicate) was also analyzed at a 200 times dilution for EDB. The sample collected from location 90MW0005 was analyzed at a 40 times dilution for VOCs and 500 times dilution for EDB. The samples collected from location 90MW0003 (EDB and VOCs) and 90MW0027 (EDB) was analyzed at a 50 times dilution

The laboratory prescreened these samples prior to VOC analysis and due to high levels of target compounds (ethylbenzene and total xylenes), the samples were analyzed at dilution. Although the detection limits for non-detected compounds were elevated by the respective factors, the reported detected results are consistent with the historical data and corrective actions are not required.

7.0 CONCLUSIONS

Samples were collected in accordance with the MMR QPP and all field QC requirements were achieved. The data are valid as reported and may be used for decision-making purposes.

Completeness goals were met for all analyses, except VOC analyses. A total of 1554 data points were collected for VOC analyses. Of these 1554, 111 were rejected for calibration deficiencies. This resulted in a completeness of 93 percent for the TCL VOCs. Although this is below the program goals of 95%, the 111 rejected data points were for acetone, methyl-ethyl-ketone, and 1,2-dibromo-3-chloropropane. These compounds are not considered contaminants of concern for this program.

Recalculation of the percent completeness goal using only the VOCs of concern results in 100 percent completion for the contaminants of concern.

Precision and accuracy requirements were achieved in over 99 percent of the data. These results are summarized in Table 5-1. Representativeness was achieved by collecting samples with good sampling technique, and finding little blank or matrix interference, to accurately depict the in situ conditions of the sample. Comparability was achieved by analyzing the samples according to the prescribed methods with no deviations, and reporting the results in consistent units.

In summary, project goals for precision, accuracy, representativeness, comparability, and completeness were met. All anticipated field samples were collected, submitted, and reported for the requested analyses.

APPENDIX C

VALIDATED RESULTS OF LABORATORY ANALYSES

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90JB0001B	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90JB0001B-02	09/11/97	91.85	N1	ND	.006	.01	UG/L	U		JEGO
90JB0001B	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	ND	90.5	254	UG/L	U	2H	JEGO
90JB0001B	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	ND	1.2	5	UG/L	U		JEGO
90JB0001B	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	ND	1.7	5	UG/L	U		JEGO
90JB0001B	WG	C200.7	TOTAL	BARIUM (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	14.5	.2	20	UG/L	J	T	JEGO
90JB0001B	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	ND	.2	1	UG/L	U		JEGO
90JB0001B	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	ND	.3	1	UG/L	U		JEGO
90JB0001B	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	12400	15.6	500	UG/L			JEGO
90JB0001B	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	ND	.59	5	UG/L	U	2H	JEGO
90JB0001B	WG	C200.7	TOTAL	COBALT (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	ND	.86	5	UG/L	U	2H	JEGO
90JB0001B	WG	C200.7	TOTAL	COPPER (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	9.1	.8	5	UG/L	J	Z	JEGO
90JB0001B	WG	C200.7	TOTAL	IRON (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	ND	60.3	105	UG/L	U	2H	JEGO
90JB0001B	WG	C200.7	TOTAL	LEAD (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	ND	1.1	2	UG/L	U		JEGO
90JB0001B	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	3510	23	500	UG/L			JEGO
90JB0001B	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	4.7	.3	10	UG/L	J	T	JEGO
90JB0001B	WG	C200.7	TOTAL	NICKEL (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	1.4	.9	20	UG/L	J	T	JEGO
90JB0001B	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	846	393	750	UG/L			JEGO
90JB0001B	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	ND	2.4	3	UG/L	UJ	Z	JEGO
90JB0001B	WG	C200.7	TOTAL	SILVER (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	.41	.4	10	UG/L	J	T	JEGO
90JB0001B	WG	C200.7	TOTAL	SODIUM (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	8630	23.9	500	UG/L			JEGO
90JB0001B	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	ND	5.2	33.5	UG/L	U	2H	JEGO
90JB0001B	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	ND	.5	10	UG/L	U		JEGO
90JB0001B	WG	C200.7	TOTAL	ZINC (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	ND	12.1	15.5	UG/L	U	2H	JEGO
90JB0001B	WG	C245.2	TOTAL	MERCURY (TOTAL)	90JB0001B-02	09/11/97	91.85	N1	ND	.2	.2	UG/L	UJ	Z	JEGO
90JB0001B	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90JB0001B-02	09/11/97	91.85	N1	ND	1.4	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90JB0001B-02	09/11/97	91.85	N1	48	1.2	2	UG/L			JEGO
90JB0001B	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90JB0001B-02	09/11/97	91.85	N1	ND	1.2	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90JB0001B-02	09/11/97	91.85	N1	ND	1.3	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90JB0001B-02	09/11/97	91.85	N1	ND	1.4	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90JB0001B-02	09/11/97	91.85	N1	ND	1.5	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90JB0001B-02	09/11/97	91.85	N1	ND	1.1	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90JB0001B-02	09/11/97	91.85	N1	ND	.98	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90JB0001B-02	09/11/97	91.85	N1	ND	1.2	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90JB0001B-02	09/11/97	91.85	N1	ND	1.4	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90JB0001B-02	09/11/97	91.85	N1	ND	.98	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90JB0001B-02	09/11/97	91.85	N1	ND	1	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	2-HEXANONE	90JB0001B-02	09/11/97	91.85	N1	ND	7.8	10	UG/L	UJ	QS	JEGO
90JB0001B	WG	CVOL	METHOD	BENZENE	90JB0001B-02	09/11/97	91.85	N1	ND	1.4	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90JB0001B-02	09/11/97	91.85	N1	ND	1.1	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90JB0001B-02	09/11/97	91.85	N1	ND	1.2	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	BROMOFORM	90JB0001B-02	09/11/97	91.85	N1	ND	.8	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	BROMOMETHANE	90JB0001B-02	09/11/97	91.85	N1	ND	1.6	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	CARBON DISULFIDE	90JB0001B-02	09/11/97	91.85	N1	ND	1.2	2	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90JB0001B	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90JB0001B-02	09/11/97	91.85	N1	ND	1.3	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	CHLOROBENZENE	90JB0001B-02	09/11/97	91.85	N1	ND	.8	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	CHLOROETHANE	90JB0001B-02	09/11/97	91.85	N1	ND	1.4	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	CHLOROFORM	90JB0001B-02	09/11/97	91.85	N1	ND	1.2	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	CHLOROMETHANE	90JB0001B-02	09/11/97	91.85	N1	ND	1.3	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90JB0001B-02	09/11/97	91.85	N1	ND	1.2	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90JB0001B-02	09/11/97	91.85	N1	ND	1.2	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90JB0001B-02	09/11/97	91.85	N1	ND	1.1	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	ETHYLBENZENE	90JB0001B-02	09/11/97	91.85	N1	ND	1	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90JB0001B-02	09/11/97	91.85	N1	ND	7.2	10	UG/L	UJ	QS	JEGO
90JB0001B	WG	CVOL	METHOD	METHYLENE CHLORIDE	90JB0001B-02	09/11/97	91.85	N1	ND	1.3	4	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	STYRENE	90JB0001B-02	09/11/97	91.85	N1	ND	.96	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90JB0001B-02	09/11/97	91.85	N1	1.4	1.3	4	UG/L	J	T	JEGO
90JB0001B	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90JB0001B-02	09/11/97	91.85	N1	14	.82	2	UG/L			JEGO
90JB0001B	WG	CVOL	METHOD	TOLUENE	90JB0001B-02	09/11/97	91.85	N1	ND	1	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90JB0001B-02	09/11/97	91.85	N1	ND	1.1	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90JB0001B-02	09/11/97	91.85	N1	ND	1.1	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90JB0001B-02	09/11/97	91.85	N1	18	1.2	2	UG/L			JEGO
90JB0001B	WG	CVOL	METHOD	VINYL CHLORIDE	90JB0001B-02	09/11/97	91.85	N1	ND	1.2	2	UG/L	U		JEGO
90JB0001B	WG	CVOL	METHOD	XYLENES, TOTAL	90JB0001B-02	09/11/97	91.85	N1	ND	1	2	UG/L	U		JEGO
90JB0001C	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.006	.01	UG/L	U		JEGO
90JB0001C	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90JB0001C-01	09/11/97	137.10	N1	ND	.006	.01	UG/L	U		JEGO
90JB0001C	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	77.8	254	UG/L	U	2H	JEGO
90JB0001C	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	ND	59.9	254	UG/L	U	2H	JEGO
90JB0001C	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	1.2	5	UG/L	U		JEGO
90JB0001C	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	ND	3.6	13	UG/L	U	2H	JEGO
90JB0001C	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	1.7	5	UG/L	U		JEGO
90JB0001C	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	ND	1.7	5	UG/L	U		JEGO
90JB0001C	WG	C200.7	TOTAL	BARIUM (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	1.8	20	UG/L	U	2H	JEGO
90JB0001C	WG	C200.7	TOTAL	BARIUM (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	ND	1.8	20	UG/L	U	2H	JEGO
90JB0001C	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.21	3.5	UG/L	U	2H	JEGO
90JB0001C	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	ND	.45	3.5	UG/L	U	2H	JEGO
90JB0001C	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.3	1	UG/L	U		JEGO
90JB0001C	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	ND	.3	1	UG/L	U		JEGO
90JB0001C	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	1510	15.6	500	UG/L			JEGO
90JB0001C	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	1620	15.6	500	UG/L			JEGO
90JB0001C	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	1.2	5	UG/L	U	2H	JEGO
90JB0001C	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	ND	.88	5	UG/L	U	2H	JEGO
90JB0001C	WG	C200.7	TOTAL	COBALT (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	2.5	5	UG/L	U	2H	JEGO
90JB0001C	WG	C200.7	TOTAL	COBALT (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	ND	2.2	5	UG/L	U	2H	JEGO
90JB0001C	WG	C200.7	TOTAL	COPPER (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.8	5	UG/L	UJ	Z	JEGO
90JB0001C	WG	C200.7	TOTAL	COPPER (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	3.5	.8	5	UG/L	J	TZ	JEGO
90JB0001C	WG	C200.7	TOTAL	IRON (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	65.7	105	UG/L	U	2H	JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90JB0001C	WG	C200.7	TOTAL	IRON (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	ND	38.1	105	UG/L	U	2H	JEGO
90JB0001C	WG	C200.7	TOTAL	LEAD (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	2.8	1.1	2	UG/L			JEGO
90JB0001C	WG	C200.7	TOTAL	LEAD (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	ND	1.1	2	UG/L	U		JEGO
90JB0001C	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	939	23	500	UG/L			JEGO
90JB0001C	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	905	23	500	UG/L			JEGO
90JB0001C	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	1.4	10	UG/L	U	2H	JEGO
90JB0001C	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	ND	1.4	10	UG/L	U	2H	JEGO
90JB0001C	WG	C200.7	TOTAL	NICKEL (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	.91	.9	20	UG/L	J	T	JEGO
90JB0001C	WG	C200.7	TOTAL	NICKEL (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	ND	.9	20	UG/L	U		JEGO
90JB0001C	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	393	750	UG/L	U		JEGO
90JB0001C	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	ND	393	750	UG/L	U		JEGO
90JB0001C	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	2.4	3	UG/L	UJ	Z	JEGO
90JB0001C	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	ND	2.4	3	UG/L	UJ	Z	JEGO
90JB0001C	WG	C200.7	TOTAL	SILVER (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.4	10	UG/L	U		JEGO
90JB0001C	WG	C200.7	TOTAL	SILVER (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	ND	.4	10	UG/L	U		JEGO
90JB0001C	WG	C200.7	TOTAL	SODIUM (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	6470	23.9	500	UG/L			JEGO
90JB0001C	WG	C200.7	TOTAL	SODIUM (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	6300	23.9	500	UG/L			JEGO
90JB0001C	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	5.8	33.5	UG/L	U	2H	JEGO
90JB0001C	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	ND	4.6	33.5	UG/L	U	2H	JEGO
90JB0001C	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.5	10	UG/L	U		JEGO
90JB0001C	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	ND	.5	10	UG/L	U		JEGO
90JB0001C	WG	C200.7	TOTAL	ZINC (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	15.4	15.5	UG/L	UJ	2H8	JEGO
90JB0001C	WG	C200.7	TOTAL	ZINC (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	33.6	1.3	5	UG/L	J	8	JEGO
90JB0001C	WG	C245.2	TOTAL	MERCURY (TOTAL)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.2	.2	UG/L	UJ	Z	JEGO
90JB0001C	WG	C245.2	TOTAL	MERCURY (TOTAL)	90JB0001C-01	09/11/97	137.10	N1	ND	.2	.2	UG/L	UJ	Z	JEGO
90JB0001C	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.71	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90JB0001C-01	09/11/97	137.10	N1	ND	.71	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.6	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90JB0001C-01	09/11/97	137.10	N1	ND	.6	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.59	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90JB0001C-01	09/11/97	137.10	N1	ND	.59	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.64	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90JB0001C-01	09/11/97	137.10	N1	ND	.64	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.69	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90JB0001C-01	09/11/97	137.10	N1	ND	.69	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.76	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90JB0001C-01	09/11/97	137.10	N1	ND	.76	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.53	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90JB0001C-01	09/11/97	137.10	N1	ND	.53	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.49	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90JB0001C-01	09/11/97	137.10	N1	ND	.49	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.58	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90JB0001C-01	09/11/97	137.10	N1	ND	.58	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90JB0001C	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.68	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90JB0001C-01	09/11/97	137.10	N1	ND	.68	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.49	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90JB0001C-01	09/11/97	137.10	N1	ND	.49	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.52	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90JB0001C-01	09/11/97	137.10	N1	ND	.52	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	2-HEXANONE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	3.9	5	UG/L	UJ	QS	JEGO
90JB0001C	WG	CVOL	METHOD	2-HEXANONE	90JB0001C-01	09/11/97	137.10	N1	ND	3.9	5	UG/L	UJ	QS	JEGO
90JB0001C	WG	CVOL	METHOD	BENZENE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.69	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	BENZENE	90JB0001C-01	09/11/97	137.10	N1	ND	.69	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.57	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90JB0001C-01	09/11/97	137.10	N1	ND	.57	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.6	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90JB0001C-01	09/11/97	137.10	N1	ND	.6	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	BROMOFORM	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.4	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	BROMOFORM	90JB0001C-01	09/11/97	137.10	N1	ND	.4	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	BROMOMETHANE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.82	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	BROMOMETHANE	90JB0001C-01	09/11/97	137.10	N1	ND	.82	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	CARBON DISULFIDE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.62	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	CARBON DISULFIDE	90JB0001C-01	09/11/97	137.10	N1	ND	.62	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.64	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90JB0001C-01	09/11/97	137.10	N1	ND	.64	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	CHLOROBENZENE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.4	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	CHLOROBENZENE	90JB0001C-01	09/11/97	137.10	N1	ND	.4	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	CHLOROETHANE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.71	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	CHLOROETHANE	90JB0001C-01	09/11/97	137.10	N1	ND	.71	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	CHLOROFORM	90JB0001C-01FD	09/11/97	137.10	FD1	1.6	.6	1	UG/L			JEGO
90JB0001C	WG	CVOL	METHOD	CHLOROFORM	90JB0001C-01	09/11/97	137.10	N1	1.5	.6	1	UG/L			JEGO
90JB0001C	WG	CVOL	METHOD	CHLOROMETHANE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.67	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	CHLOROMETHANE	90JB0001C-01	09/11/97	137.10	N1	ND	.67	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.58	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90JB0001C-01	09/11/97	137.10	N1	ND	.58	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.58	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90JB0001C-01	09/11/97	137.10	N1	ND	.58	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.55	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90JB0001C-01	09/11/97	137.10	N1	ND	.55	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	ETHYLBENZENE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.5	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	ETHYLBENZENE	90JB0001C-01	09/11/97	137.10	N1	ND	.5	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90JB0001C-01FD	09/11/97	137.10	FD1	ND	3.6	5	UG/L	UJ	QS	JEGO
90JB0001C	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90JB0001C-01	09/11/97	137.10	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90JB0001C	WG	CVOL	METHOD	METHYLENE CHLORIDE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.65	2	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	METHYLENE CHLORIDE	90JB0001C-01	09/11/97	137.10	N1	ND	.65	2	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	STYRENE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.48	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90JB0001C	WG	CVOL	METHOD	STYRENE	90JB0001C-01	09/11/97	137.10	N1	ND	.48	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.67	2	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90JB0001C-01	09/11/97	137.10	N1	ND	.67	2	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.41	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90JB0001C-01	09/11/97	137.10	N1	ND	.41	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	TOLUENE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.5	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	TOLUENE	90JB0001C-01	09/11/97	137.10	N1	ND	.5	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.57	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90JB0001C-01	09/11/97	137.10	N1	ND	.57	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.57	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90JB0001C-01	09/11/97	137.10	N1	ND	.57	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.62	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90JB0001C-01	09/11/97	137.10	N1	ND	.62	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	VINYL CHLORIDE	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.61	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	VINYL CHLORIDE	90JB0001C-01	09/11/97	137.10	N1	ND	.61	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	XYLENES, TOTAL	90JB0001C-01FD	09/11/97	137.10	FD1	ND	.5	1	UG/L	U		JEGO
90JB0001C	WG	CVOL	METHOD	XYLENES, TOTAL	90JB0001C-01	09/11/97	137.10	N1	ND	.5	1	UG/L	U		JEGO
90JB0001D	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90JB0001D-02	09/11/97	162.30	N1	.014	.006	.01	UG/L	J	S	JEGO
90JB0001D	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	ND	48.6	254	UG/L	U	2H	JEGO
90JB0001D	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	ND	1.2	5	UG/L	U		JEGO
90JB0001D	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	ND	1.7	5	UG/L	U		JEGO
90JB0001D	WG	C200.7	TOTAL	BARIUM (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	ND	1.3	20	UG/L	U	2H	JEGO
90JB0001D	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	ND	.2	1	UG/L	U		JEGO
90JB0001D	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	ND	.3	1	UG/L	U		JEGO
90JB0001D	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	1710	15.6	500	UG/L			JEGO
90JB0001D	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	ND	1	5	UG/L	U	2H	JEGO
90JB0001D	WG	C200.7	TOTAL	COBALT (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	ND	1.8	5	UG/L	U	2H	JEGO
90JB0001D	WG	C200.7	TOTAL	COPPER (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	ND	.8	5	UG/L	UJ	Z	JEGO
90JB0001D	WG	C200.7	TOTAL	IRON (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	ND	44.5	105	UG/L	U	2H	JEGO
90JB0001D	WG	C200.7	TOTAL	LEAD (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	ND	1.1	2	UG/L	U		JEGO
90JB0001D	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	788	23	500	UG/L			JEGO
90JB0001D	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	ND	1.3	10	UG/L	U	2H	JEGO
90JB0001D	WG	C200.7	TOTAL	NICKEL (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	1.5	.9	20	UG/L	J	T	JEGO
90JB0001D	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	618	393	750	UG/L	J	T	JEGO
90JB0001D	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	ND	2.4	3	UG/L	UJ	Z	JEGO
90JB0001D	WG	C200.7	TOTAL	SILVER (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	.64	.4	10	UG/L	J	T	JEGO
90JB0001D	WG	C200.7	TOTAL	SODIUM (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	6360	23.9	500	UG/L			JEGO
90JB0001D	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	ND	7.4	33.5	UG/L	U	2H	JEGO
90JB0001D	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	ND	.51	10	UG/L	U	2H	JEGO
90JB0001D	WG	C200.7	TOTAL	ZINC (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	ND	12.1	15.5	UG/L	U	2H	JEGO
90JB0001D	WG	C245.2	TOTAL	MERCURY (TOTAL)	90JB0001D-02	09/11/97	162.30	N1	ND	.2	.2	UG/L	UJ	Z	JEGO
90JB0001D	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90JB0001D-02	09/11/97	162.30	N1	ND	.71	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90JB0001D-02	09/11/97	162.30	N1	ND	.6	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90JB0001D	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90JB0001D-02	09/11/97	162.30	N1	ND	.59	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90JB0001D-02	09/11/97	162.30	N1	ND	.64	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90JB0001D-02	09/11/97	162.30	N1	ND	.69	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90JB0001D-02	09/11/97	162.30	N1	ND	.76	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90JB0001D-02	09/11/97	162.30	N1	ND	.53	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90JB0001D-02	09/11/97	162.30	N1	ND	.49	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90JB0001D-02	09/11/97	162.30	N1	ND	.58	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90JB0001D-02	09/11/97	162.30	N1	ND	.68	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90JB0001D-02	09/11/97	162.30	N1	ND	.49	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90JB0001D-02	09/11/97	162.30	N1	ND	.52	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	2-HEXANONE	90JB0001D-02	09/11/97	162.30	N1	ND	3.9	5	UG/L	UJ	QS	JEGO
90JB0001D	WG	CVOL	METHOD	BENZENE	90JB0001D-02	09/11/97	162.30	N1	ND	.69	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90JB0001D-02	09/11/97	162.30	N1	ND	.57	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90JB0001D-02	09/11/97	162.30	N1	ND	.6	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	BROMOFORM	90JB0001D-02	09/11/97	162.30	N1	ND	.4	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	BROMOMETHANE	90JB0001D-02	09/11/97	162.30	N1	ND	.82	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	CARBON DISULFIDE	90JB0001D-02	09/11/97	162.30	N1	ND	.62	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90JB0001D-02	09/11/97	162.30	N1	ND	.64	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	CHLOROBENZENE	90JB0001D-02	09/11/97	162.30	N1	ND	.4	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	CHLOROETHANE	90JB0001D-02	09/11/97	162.30	N1	ND	.71	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	CHLOROFORM	90JB0001D-02	09/11/97	162.30	N1	.68	.6	1	UG/L	J	T	JEGO
90JB0001D	WG	CVOL	METHOD	CHLOROMETHANE	90JB0001D-02	09/11/97	162.30	N1	ND	.67	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90JB0001D-02	09/11/97	162.30	N1	ND	.58	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90JB0001D-02	09/11/97	162.30	N1	ND	.58	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90JB0001D-02	09/11/97	162.30	N1	ND	.55	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	ETHYLBENZENE	90JB0001D-02	09/11/97	162.30	N1	ND	.5	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90JB0001D-02	09/11/97	162.30	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90JB0001D	WG	CVOL	METHOD	METHYLENE CHLORIDE	90JB0001D-02	09/11/97	162.30	N1	ND	.65	2	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	STYRENE	90JB0001D-02	09/11/97	162.30	N1	ND	.48	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90JB0001D-02	09/11/97	162.30	N1	ND	.67	2	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90JB0001D-02	09/11/97	162.30	N1	ND	.41	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	TOLUENE	90JB0001D-02	09/11/97	162.30	N1	ND	.5	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90JB0001D-02	09/11/97	162.30	N1	ND	.57	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90JB0001D-02	09/11/97	162.30	N1	ND	.57	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90JB0001D-02	09/11/97	162.30	N1	ND	.62	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	VINYL CHLORIDE	90JB0001D-02	09/11/97	162.30	N1	ND	.61	1	UG/L	U		JEGO
90JB0001D	WG	CVOL	METHOD	XYLENES, TOTAL	90JB0001D-02	09/11/97	162.30	N1	ND	.5	1	UG/L	U		JEGO
90JB0004A	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90JB0004A-02	09/11/97	132.00	N1	ND	.006	.01	UG/L	U		JEGO
90JB0004A	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	ND	95.8	254	UG/L	U	2H	JEGO
90JB0004A	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	ND	1.3	13	UG/L	U	2H	JEGO
90JB0004A	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	ND	1.7	5	UG/L	U		JEGO
90JB0004A	WG	C200.7	TOTAL	BARIUM (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	ND	2.5	20	UG/L	U	2H	JEGO
90JB0004A	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	ND	.2	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90JB0004A	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	ND	.3	1	UG/L	U		JEGO
90JB0004A	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	1690	15.6	500	UG/L			JEGO
90JB0004A	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	ND	1.1	5	UG/L	U	2H	JEGO
90JB0004A	WG	C200.7	TOTAL	COBALT (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	ND	1.9	5	UG/L	U	2H	JEGO
90JB0004A	WG	C200.7	TOTAL	COPPER (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	ND	.8	5	UG/L	UJ	Z	JEGO
90JB0004A	WG	C200.7	TOTAL	IRON (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	107	8.1	100	UG/L			JEGO
90JB0004A	WG	C200.7	TOTAL	LEAD (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	1.3	1.1	2	UG/L	J	T	JEGO
90JB0004A	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	972	23	500	UG/L			JEGO
90JB0004A	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	4.6	.3	10	UG/L	J	T	JEGO
90JB0004A	WG	C200.7	TOTAL	NICKEL (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	2	.9	20	UG/L	J	T	JEGO
90JB0004A	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	684	393	750	UG/L	J	T	JEGO
90JB0004A	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	ND	2.4	3	UG/L	UJ	Z	JEGO
90JB0004A	WG	C200.7	TOTAL	SILVER (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	ND	.4	10	UG/L	U		JEGO
90JB0004A	WG	C200.7	TOTAL	SODIUM (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	6170	23.9	500	UG/L			JEGO
90JB0004A	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	ND	5.3	33.5	UG/L	U	2H	JEGO
90JB0004A	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	ND	.5	10	UG/L	U		JEGO
90JB0004A	WG	C200.7	TOTAL	ZINC (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	27.8	1.3	5	UG/L			JEGO
90JB0004A	WG	C245.2	TOTAL	MERCURY (TOTAL)	90JB0004A-02	09/11/97	132.00	N1	ND	.2	.2	UG/L	UJ	Z	JEGO
90JB0004A	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90JB0004A-02	09/11/97	132.00	N1	ND	.71	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90JB0004A-02	09/11/97	132.00	N1	ND	.6	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90JB0004A-02	09/11/97	132.00	N1	ND	.59	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90JB0004A-02	09/11/97	132.00	N1	ND	.64	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90JB0004A-02	09/11/97	132.00	N1	ND	.69	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90JB0004A-02	09/11/97	132.00	N1	ND	.76	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90JB0004A-02	09/11/97	132.00	N1	ND	.53	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90JB0004A-02	09/11/97	132.00	N1	ND	.49	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90JB0004A-02	09/11/97	132.00	N1	ND	.58	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90JB0004A-02	09/11/97	132.00	N1	ND	.68	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90JB0004A-02	09/11/97	132.00	N1	ND	.49	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90JB0004A-02	09/11/97	132.00	N1	ND	.52	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	2-HEXANONE	90JB0004A-02	09/11/97	132.00	N1	ND	3.9	5	UG/L	UJ	QS	JEGO
90JB0004A	WG	CVOL	METHOD	BENZENE	90JB0004A-02	09/11/97	132.00	N1	ND	.69	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90JB0004A-02	09/11/97	132.00	N1	ND	.57	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90JB0004A-02	09/11/97	132.00	N1	ND	.6	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	BROMOFORM	90JB0004A-02	09/11/97	132.00	N1	ND	.4	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	BROMOMETHANE	90JB0004A-02	09/11/97	132.00	N1	ND	.82	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	CARBON DISULFIDE	90JB0004A-02	09/11/97	132.00	N1	ND	.62	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90JB0004A-02	09/11/97	132.00	N1	ND	.64	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	CHLOROBENZENE	90JB0004A-02	09/11/97	132.00	N1	ND	.4	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	CHLOROETHANE	90JB0004A-02	09/11/97	132.00	N1	ND	.71	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	CHLOROFORM	90JB0004A-02	09/11/97	132.00	N1	.77	.6	1	UG/L	J	T	JEGO
90JB0004A	WG	CVOL	METHOD	CHLOROMETHANE	90JB0004A-02	09/11/97	132.00	N1	ND	.67	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90JB0004A-02	09/11/97	132.00	N1	ND	.58	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90JB0004A	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90JB0004A-02	09/11/97	132.00	N1	ND	.58	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90JB0004A-02	09/11/97	132.00	N1	ND	.55	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	ETHYLBENZENE	90JB0004A-02	09/11/97	132.00	N1	ND	.5	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90JB0004A-02	09/11/97	132.00	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90JB0004A	WG	CVOL	METHOD	METHYLENE CHLORIDE	90JB0004A-02	09/11/97	132.00	N1	ND	.65	2	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	STYRENE	90JB0004A-02	09/11/97	132.00	N1	ND	.48	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90JB0004A-02	09/11/97	132.00	N1	ND	.67	2	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90JB0004A-02	09/11/97	132.00	N1	ND	.41	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	TOLUENE	90JB0004A-02	09/11/97	132.00	N1	ND	.5	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90JB0004A-02	09/11/97	132.00	N1	ND	.57	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90JB0004A-02	09/11/97	132.00	N1	ND	.57	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90JB0004A-02	09/11/97	132.00	N1	ND	.62	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	VINYL CHLORIDE	90JB0004A-02	09/11/97	132.00	N1	ND	.61	1	UG/L	U		JEGO
90JB0004A	WG	CVOL	METHOD	XYLENES, TOTAL	90JB0004A-02	09/11/97	132.00	N1	ND	.5	1	UG/L	U		JEGO
90JB0004C	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90JB0004C-02	09/11/97	100.60	N1	ND	.006	.01	UG/L	U		JEGO
90JB0004C	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	ND	56.8	254	UG/L	U	2H	JEGO
90JB0004C	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	ND	2.5	13	UG/L	U	2H	JEGO
90JB0004C	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	ND	1.7	5	UG/L	U		JEGO
90JB0004C	WG	C200.7	TOTAL	BARIUM (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	3.5	.2	20	UG/L	J	T	JEGO
90JB0004C	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	ND	.2	1	UG/L	U		JEGO
90JB0004C	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	.34	.3	1	UG/L	J	T	JEGO
90JB0004C	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	1630	15.6	500	UG/L			JEGO
90JB0004C	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	ND	.71	4	UG/L	U	2H	JEGO
90JB0004C	WG	C200.7	TOTAL	COBALT (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	ND	1	5	UG/L	U	2H	JEGO
90JB0004C	WG	C200.7	TOTAL	COPPER (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	ND	.8	5	UG/L	UJ	Z	JEGO
90JB0004C	WG	C200.7	TOTAL	IRON (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	135	8.1	100	UG/L			JEGO
90JB0004C	WG	C200.7	TOTAL	LEAD (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	5.5	1.1	2	UG/L			JEGO
90JB0004C	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	1260	23	500	UG/L			JEGO
90JB0004C	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	6.4	.3	10	UG/L	J	T	JEGO
90JB0004C	WG	C200.7	TOTAL	NICKEL (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	ND	1.4	20	UG/L	U	7H	JEGO
90JB0004C	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	1090	393	750	UG/L			JEGO
90JB0004C	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	ND	2.4	3	UG/L	UJ	Z	JEGO
90JB0004C	WG	C200.7	TOTAL	SILVER (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	ND	.4	10	UG/L	U		JEGO
90JB0004C	WG	C200.7	TOTAL	SODIUM (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	6260	23.9	500	UG/L			JEGO
90JB0004C	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	ND	3.8	33.5	UG/L	U	2H	JEGO
90JB0004C	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	ND	.5	10	UG/L	U		JEGO
90JB0004C	WG	C200.7	TOTAL	ZINC (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	ND	13.5	15.5	UG/L	U	2H	JEGO
90JB0004C	WG	C245.2	TOTAL	MERCURY (TOTAL)	90JB0004C-02	09/11/97	100.60	N1	ND	.2	.2	UG/L	UJ	Z	JEGO
90JB0004C	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90JB0004C-02	09/11/97	100.60	N1	ND	.71	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90JB0004C-02	09/11/97	100.60	N1	ND	.6	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90JB0004C-02	09/11/97	100.60	N1	ND	.59	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90JB0004C-02	09/11/97	100.60	N1	ND	.64	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90JB0004C-02	09/11/97	100.60	N1	ND	.69	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90JB0004C	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90JB0004C-02	09/11/97	100.60	N1	ND	.76	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90JB0004C-02	09/11/97	100.60	N1	ND	.53	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90JB0004C-02	09/11/97	100.60	N1	ND	.49	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90JB0004C-02	09/11/97	100.60	N1	ND	.58	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90JB0004C-02	09/11/97	100.60	N1	ND	.68	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90JB0004C-02	09/11/97	100.60	N1	ND	.49	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90JB0004C-02	09/11/97	100.60	N1	ND	.52	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	2-HEXANONE	90JB0004C-02	09/11/97	100.60	N1	ND	3.9	5	UG/L	UJ	QS	JEGO
90JB0004C	WG	CVOL	METHOD	BENZENE	90JB0004C-02	09/11/97	100.60	N1	ND	.69	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90JB0004C-02	09/11/97	100.60	N1	ND	.57	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90JB0004C-02	09/11/97	100.60	N1	ND	.6	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	BROMOFORM	90JB0004C-02	09/11/97	100.60	N1	ND	.4	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	BROMOMETHANE	90JB0004C-02	09/11/97	100.60	N1	ND	.82	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	CARBON DISULFIDE	90JB0004C-02	09/11/97	100.60	N1	ND	.62	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90JB0004C-02	09/11/97	100.60	N1	ND	.64	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	CHLOROBENZENE	90JB0004C-02	09/11/97	100.60	N1	ND	.4	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	CHLOROETHANE	90JB0004C-02	09/11/97	100.60	N1	ND	.71	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	CHLOROFORM	90JB0004C-02	09/11/97	100.60	N1	.69	.6	1	UG/L	J	T	JEGO
90JB0004C	WG	CVOL	METHOD	CHLOROMETHANE	90JB0004C-02	09/11/97	100.60	N1	ND	.67	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90JB0004C-02	09/11/97	100.60	N1	ND	.58	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90JB0004C-02	09/11/97	100.60	N1	ND	.58	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90JB0004C-02	09/11/97	100.60	N1	ND	.55	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	ETHYLBENZENE	90JB0004C-02	09/11/97	100.60	N1	ND	.5	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90JB0004C-02	09/11/97	100.60	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90JB0004C	WG	CVOL	METHOD	METHYLENE CHLORIDE	90JB0004C-02	09/11/97	100.60	N1	ND	.65	2	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	STYRENE	90JB0004C-02	09/11/97	100.60	N1	ND	.48	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90JB0004C-02	09/11/97	100.60	N1	ND	.67	2	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90JB0004C-02	09/11/97	100.60	N1	ND	.41	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	TOLUENE	90JB0004C-02	09/11/97	100.60	N1	ND	.5	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90JB0004C-02	09/11/97	100.60	N1	ND	.57	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90JB0004C-02	09/11/97	100.60	N1	ND	.57	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90JB0004C-02	09/11/97	100.60	N1	ND	.62	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	VINYL CHLORIDE	90JB0004C-02	09/11/97	100.60	N1	ND	.61	1	UG/L	U		JEGO
90JB0004C	WG	CVOL	METHOD	XYLENES, TOTAL	90JB0004C-02	09/11/97	100.60	N1	ND	.5	1	UG/L	U		JEGO
90MW0003	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0003-03	09/05/97	0.00	N1	18	.3	.5	UG/L			JEGO
90MW0003	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0003-03	09/05/97	0.00	N1	ND	59.7	224	UG/L	U	2H	JEGO
90MW0003	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0003-03	09/05/97	0.00	N1	ND	1.2	9.5	UG/L	U	2H	JEGO
90MW0003	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0003-03	09/05/97	0.00	N1	2.3	1.7	5	UG/L	J	T	JEGO
90MW0003	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0003-03	09/05/97	0.00	N1	4.8	.2	20	UG/L	J	T	JEGO
90MW0003	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0003-03	09/05/97	0.00	N1	ND	.2	1	UG/L	U		JEGO
90MW0003	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0003-03	09/05/97	0.00	N1	ND	.3	1	UG/L	U		JEGO
90MW0003	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0003-03	09/05/97	0.00	N1	5120	15.6	500	UG/L			JEGO
90MW0003	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0003-03	09/05/97	0.00	N1	ND	1.1	5	UG/L	U	2H	JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0003	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0003-03	09/05/97	0.00	N1	10.8	.3	5	UG/L			JEGO
90MW0003	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0003-03	09/05/97	0.00	N1	1.1	.8	5	UG/L	J	TZ	JEGO
90MW0003	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0003-03	09/05/97	0.00	N1	1880	8.1	100	UG/L			JEGO
90MW0003	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0003-03	09/05/97	0.00	N1	4.3	1.1	2	UG/L			JEGO
90MW0003	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0003-03	09/05/97	0.00	N1	2670	23	500	UG/L			JEGO
90MW0003	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0003-03	09/05/97	0.00	N1	177	.3	10	UG/L			JEGO
90MW0003	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0003-03	09/05/97	0.00	N1	1	.9	20	UG/L	J	TZ	JEGO
90MW0003	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0003-03	09/05/97	0.00	N1	785	393	750	UG/L			JEGO
90MW0003	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0003-03	09/05/97	0.00	N1	2.6	2.4	3	UG/L	J	T	JEGO
90MW0003	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0003-03	09/05/97	0.00	N1	ND	.4	10	UG/L	U		JEGO
90MW0003	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0003-03	09/05/97	0.00	N1	8250	23.9	500	UG/L			JEGO
90MW0003	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0003-03	09/05/97	0.00	N1	ND	15	38.5	UG/L	U	2H	JEGO
90MW0003	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0003-03	09/05/97	0.00	N1	ND	.5	10	UG/L	U		JEGO
90MW0003	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0003-03	09/05/97	0.00	N1	31	1.3	5	UG/L			JEGO
90MW0003	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0003-03	09/05/97	0.00	N1	ND	.2	.2	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0003-03	09/05/97	0.00	N1	ND	36	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0003-03	09/05/97	0.00	N1	ND	30	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0003-03	09/05/97	0.00	N1	ND	30	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0003-03	09/05/97	0.00	N1	ND	32	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0003-03	09/05/97	0.00	N1	ND	34	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0003-03	09/05/97	0.00	N1	ND	38	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0003-03	09/05/97	0.00	N1	ND	26	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0003-03	09/05/97	0.00	N1	ND	24	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0003-03	09/05/97	0.00	N1	ND	29	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0003-03	09/05/97	0.00	N1	ND	34	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0003-03	09/05/97	0.00	N1	ND	24	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0003-03	09/05/97	0.00	N1	ND	26	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	2-HEXANONE	90MW0003-03	09/05/97	0.00	N1	ND	200	250	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	BENZENE	90MW0003-03	09/05/97	0.00	N1	910	34	50	UG/L			JEGO
90MW0003	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0003-03	09/05/97	0.00	N1	ND	28	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0003-03	09/05/97	0.00	N1	ND	30	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	BROMOFORM	90MW0003-03	09/05/97	0.00	N1	ND	20	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	BROMOMETHANE	90MW0003-03	09/05/97	0.00	N1	ND	41	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0003-03	09/05/97	0.00	N1	ND	31	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0003-03	09/05/97	0.00	N1	ND	32	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	CHLOROBENZENE	90MW0003-03	09/05/97	0.00	N1	ND	20	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	CHLOROETHANE	90MW0003-03	09/05/97	0.00	N1	ND	36	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	CHLOROFORM	90MW0003-03	09/05/97	0.00	N1	ND	30	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	CHLOROMETHANE	90MW0003-03	09/05/97	0.00	N1	ND	34	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0003-03	09/05/97	0.00	N1	ND	29	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0003-03	09/05/97	0.00	N1	ND	29	50	UG/L	UJ	B	JEGO
90MW0003	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0003-03	09/05/97	0.00	N1	ND	28	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	ETHYLBENZENE	90MW0003-03	09/05/97	0.00	N1	ND	25	50	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0003	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0003-03	09/05/97	0.00	N1	ND	180	250	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0003-03	09/05/97	0.00	N1	ND	32	100	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	STYRENE	90MW0003-03	09/05/97	0.00	N1	ND	24	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0003-03	09/05/97	0.00	N1	ND	34	100	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0003-03	09/05/97	0.00	N1	ND	20	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	TOLUENE	90MW0003-03	09/05/97	0.00	N1	ND	25	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0003-03	09/05/97	0.00	N1	ND	28	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0003-03	09/05/97	0.00	N1	ND	28	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0003-03	09/05/97	0.00	N1	ND	31	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0003-03	09/05/97	0.00	N1	ND	30	50	UG/L	U		JEGO
90MW0003	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0003-03	09/05/97	0.00	N1	ND	25	50	UG/L	U		JEGO
90MW0004	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0004-03	09/05/97	87.40	N1	ND	.006	.01	UG/L	U		JEGO
90MW0004	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0004-03	09/05/97	87.40	N1	ND	23.8	224	UG/L	U	2H	JEGO
90MW0004	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0004-03	09/05/97	87.40	N1	ND	1.2	5	UG/L	U		JEGO
90MW0004	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0004-03	09/05/97	87.40	N1	ND	1.7	5	UG/L	U		JEGO
90MW0004	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0004-03	09/05/97	87.40	N1	3.7	.2	20	UG/L	J	T	JEGO
90MW0004	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0004-03	09/05/97	87.40	N1	ND	.2	1	UG/L	U		JEGO
90MW0004	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0004-03	09/05/97	87.40	N1	ND	.3	1	UG/L	U		JEGO
90MW0004	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0004-03	09/05/97	87.40	N1	4430	15.6	500	UG/L			JEGO
90MW0004	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0004-03	09/05/97	87.40	N1	ND	2	5	UG/L	U	2H	JEGO
90MW0004	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0004-03	09/05/97	87.40	N1	ND	1.4	5	UG/L	U	2H	JEGO
90MW0004	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0004-03	09/05/97	87.40	N1	ND	.8	5	UG/L	UJ	Z	JEGO
90MW0004	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0004-03	09/05/97	87.40	N1	ND	16.9	100	UG/L	U	2H	JEGO
90MW0004	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0004-03	09/05/97	87.40	N1	ND	1.1	2	UG/L	U		JEGO
90MW0004	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0004-03	09/05/97	87.40	N1	2330	23	500	UG/L			JEGO
90MW0004	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0004-03	09/05/97	87.40	N1	ND	1.1	10	UG/L	U	2H	JEGO
90MW0004	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0004-03	09/05/97	87.40	N1	ND	.9	20	UG/L	UJ	Z	JEGO
90MW0004	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0004-03	09/05/97	87.40	N1	720	393	750	UG/L	J	T	JEGO
90MW0004	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0004-03	09/05/97	87.40	N1	ND	2.4	3	UG/L	U		JEGO
90MW0004	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0004-03	09/05/97	87.40	N1	ND	.4	10	UG/L	U		JEGO
90MW0004	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0004-03	09/05/97	87.40	N1	5960	23.9	500	UG/L			JEGO
90MW0004	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0004-03	09/05/97	87.40	N1	ND	5	38.5	UG/L	U	2H	JEGO
90MW0004	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0004-03	09/05/97	87.40	N1	ND	.5	10	UG/L	U		JEGO
90MW0004	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0004-03	09/05/97	87.40	N1	20.8	1.3	5	UG/L			JEGO
90MW0004	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0004-03	09/05/97	87.40	N1	ND	.2	.2	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0004-03	09/05/97	87.40	N1	ND	.71	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0004-03	09/05/97	87.40	N1	ND	.6	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0004-03	09/05/97	87.40	N1	ND	.59	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0004-03	09/05/97	87.40	N1	ND	.64	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0004-03	09/05/97	87.40	N1	ND	.69	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0004-03	09/05/97	87.40	N1	ND	.76	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0004-03	09/05/97	87.40	N1	ND	.53	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0004-03	09/05/97	87.40	N1	ND	.49	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0004	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0004-03	09/05/97	87.40	N1	ND	.58	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0004-03	09/05/97	87.40	N1	ND	.68	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0004-03	09/05/97	87.40	N1	ND	.49	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0004-03	09/05/97	87.40	N1	ND	.52	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	2-HEXANONE	90MW0004-03	09/05/97	87.40	N1	ND	3.9	5	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	BENZENE	90MW0004-03	09/05/97	87.40	N1	ND	.69	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0004-03	09/05/97	87.40	N1	ND	.57	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0004-03	09/05/97	87.40	N1	ND	.6	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	BROMOFORM	90MW0004-03	09/05/97	87.40	N1	ND	.4	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	BROMOMETHANE	90MW0004-03	09/05/97	87.40	N1	ND	.82	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0004-03	09/05/97	87.40	N1	ND	.62	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0004-03	09/05/97	87.40	N1	ND	.64	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	CHLOROBENZENE	90MW0004-03	09/05/97	87.40	N1	ND	.4	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	CHLOROETHANE	90MW0004-03	09/05/97	87.40	N1	ND	.71	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	CHLOROFORM	90MW0004-03	09/05/97	87.40	N1	ND	.6	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	CHLOROMETHANE	90MW0004-03	09/05/97	87.40	N1	ND	.67	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0004-03	09/05/97	87.40	N1	ND	.58	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0004-03	09/05/97	87.40	N1	ND	.58	1	UG/L	UJ	B	JEGO
90MW0004	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0004-03	09/05/97	87.40	N1	ND	.55	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	ETHYLBENZENE	90MW0004-03	09/05/97	87.40	N1	ND	.5	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0004-03	09/05/97	87.40	N1	ND	3.6	5	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0004-03	09/05/97	87.40	N1	ND	.65	2	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	STYRENE	90MW0004-03	09/05/97	87.40	N1	ND	.48	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0004-03	09/05/97	87.40	N1	ND	.67	2	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0004-03	09/05/97	87.40	N1	ND	.41	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	TOLUENE	90MW0004-03	09/05/97	87.40	N1	ND	.5	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0004-03	09/05/97	87.40	N1	ND	.57	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0004-03	09/05/97	87.40	N1	ND	.57	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0004-03	09/05/97	87.40	N1	ND	.62	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0004-03	09/05/97	87.40	N1	ND	.61	1	UG/L	U		JEGO
90MW0004	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0004-03	09/05/97	87.40	N1	ND	.5	1	UG/L	U		JEGO
90MW0005	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0005-01	09/10/97	189.50	N1	110	3	5	UG/L			JEGO
90MW0005	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0005-01	09/10/97	189.50	N1	ND	43.6	254	UG/L	U	2H	JEGO
90MW0005	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0005-01	09/10/97	189.50	N1	ND	2.1	13	UG/L	U	2H	JEGO
90MW0005	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0005-01	09/10/97	189.50	N1	ND	1.7	5	UG/L	U		JEGO
90MW0005	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0005-01	09/10/97	189.50	N1	4.9	.2	20	UG/L	J	T	JEGO
90MW0005	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0005-01	09/10/97	189.50	N1	ND	.2	1	UG/L	U		JEGO
90MW0005	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0005-01	09/10/97	189.50	N1	ND	.3	1	UG/L	U		JEGO
90MW0005	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0005-01	09/10/97	189.50	N1	5080	15.6	500	UG/L			JEGO
90MW0005	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0005-01	09/10/97	189.50	N1	ND	.4	5	UG/L	U		JEGO
90MW0005	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0005-01	09/10/97	189.50	N1	ND	3.1	5	UG/L	U	2H	JEGO
90MW0005	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0005-01	09/10/97	189.50	N1	ND	.8	5	UG/L	UJ	Z	JEGO
90MW0005	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0005-01	09/10/97	189.50	N1	122	8.1	100	UG/L			JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0005	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0005-01	09/10/97	189.50	N1	ND	1.1	2	UG/L	U		JEGO
90MW0005	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0005-01	09/10/97	189.50	N1	2400	23	500	UG/L			JEGO
90MW0005	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0005-01	09/10/97	189.50	N1	627	.3	10	UG/L			JEGO
90MW0005	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0005-01	09/10/97	189.50	N1	3.8	.9	20	UG/L	J	T	JEGO
90MW0005	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0005-01	09/10/97	189.50	N1	656	393	750	UG/L	J	T	JEGO
90MW0005	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0005-01	09/10/97	189.50	N1	ND	2.4	3	UG/L	UJ	Z	JEGO
90MW0005	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0005-01	09/10/97	189.50	N1	ND	.4	10	UG/L	U		JEGO
90MW0005	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0005-01	09/10/97	189.50	N1	9540	23.9	500	UG/L			JEGO
90MW0005	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0005-01	09/10/97	189.50	N1	ND	5.3	33.5	UG/L	U	2H	JEGO
90MW0005	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0005-01	09/10/97	189.50	N1	ND	.5	10	UG/L	U		JEGO
90MW0005	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0005-01	09/10/97	189.50	N1	19.7	1.3	5	UG/L			JEGO
90MW0005	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0005-01	09/10/97	189.50	N1	.32	.2	.2	UG/L		Z	JEGO
90MW0005	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0005-01	09/10/97	189.50	N1	ND	28	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0005-01	09/10/97	189.50	N1	ND	24	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0005-01	09/10/97	189.50	N1	ND	24	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0005-01	09/10/97	189.50	N1	ND	26	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0005-01	09/10/97	189.50	N1	ND	28	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0005-01	09/10/97	189.50	N1	ND	30	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0005-01	09/10/97	189.50	N1	92	21	40	UG/L			JEGO
90MW0005	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0005-01	09/10/97	189.50	N1	ND	20	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0005-01	09/10/97	189.50	N1	ND	23	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0005-01	09/10/97	189.50	N1	ND	27	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0005-01	09/10/97	189.50	N1	ND	20	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0005-01	09/10/97	189.50	N1	ND	21	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	2-HEXANONE	90MW0005-01	09/10/97	189.50	N1	ND	160	200	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	BENZENE	90MW0005-01	09/10/97	189.50	N1	640	28	40	UG/L			JEGO
90MW0005	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0005-01	09/10/97	189.50	N1	ND	23	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0005-01	09/10/97	189.50	N1	ND	24	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	BROMOFORM	90MW0005-01	09/10/97	189.50	N1	ND	16	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	BROMOMETHANE	90MW0005-01	09/10/97	189.50	N1	ND	33	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0005-01	09/10/97	189.50	N1	ND	25	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0005-01	09/10/97	189.50	N1	ND	26	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	CHLOROBENZENE	90MW0005-01	09/10/97	189.50	N1	ND	16	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	CHLOROETHANE	90MW0005-01	09/10/97	189.50	N1	ND	28	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	CHLOROFORM	90MW0005-01	09/10/97	189.50	N1	ND	24	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	CHLOROMETHANE	90MW0005-01	09/10/97	189.50	N1	ND	27	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0005-01	09/10/97	189.50	N1	ND	23	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0005-01	09/10/97	189.50	N1	ND	23	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0005-01	09/10/97	189.50	N1	ND	22	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	ETHYLBENZENE	90MW0005-01	09/10/97	189.50	N1	ND	20	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0005-01	09/10/97	189.50	N1	ND	140	200	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0005-01	09/10/97	189.50	N1	ND	26	80	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	STYRENE	90MW0005-01	09/10/97	189.50	N1	ND	19	40	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0005	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0005-01	09/10/97	189.50	N1	ND	27	80	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0005-01	09/10/97	189.50	N1	ND	16	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	TOLUENE	90MW0005-01	09/10/97	189.50	N1	ND	20	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0005-01	09/10/97	189.50	N1	ND	23	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0005-01	09/10/97	189.50	N1	ND	23	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0005-01	09/10/97	189.50	N1	ND	25	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0005-01	09/10/97	189.50	N1	ND	24	40	UG/L	U		JEGO
90MW0005	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0005-01	09/10/97	189.50	N1	ND	20	40	UG/L	U		JEGO
90MW0025	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0025-01	09/08/97	161.33	N1	.75	.006	.05	UG/L	J	3L	JEGO
90MW0025	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0025-01	09/08/97	161.33	N1	ND	66	186	UG/L	U	2H	JEGO
90MW0025	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0025-01	09/08/97	161.33	N1	ND	1.2	5	UG/L	U		JEGO
90MW0025	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0025-01	09/08/97	161.33	N1	ND	1.7	5	UG/L	U		JEGO
90MW0025	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0025-01	09/08/97	161.33	N1	3.2	.2	20	UG/L	J	T	JEGO
90MW0025	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0025-01	09/08/97	161.33	N1	ND	.2	1	UG/L	U		JEGO
90MW0025	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0025-01	09/08/97	161.33	N1	ND	.3	1	UG/L	U		JEGO
90MW0025	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0025-01	09/08/97	161.33	N1	2170	15.6	500	UG/L			JEGO
90MW0025	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0025-01	09/08/97	161.33	N1	ND	.4	5	UG/L	UJ	Z	JEGO
90MW0025	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0025-01	09/08/97	161.33	N1	ND	2.2	5	UG/L	U	2H	JEGO
90MW0025	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0025-01	09/08/97	161.33	N1	2.2	.8	5	UG/L	J	TZ	JEGO
90MW0025	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0025-01	09/08/97	161.33	N1	ND	52.7	100	UG/L	U	2H	JEGO
90MW0025	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0025-01	09/08/97	161.33	N1	2.1	1.1	2	UG/L			JEGO
90MW0025	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0025-01	09/08/97	161.33	N1	1080	23	500	UG/L			JEGO
90MW0025	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0025-01	09/08/97	161.33	N1	8.2	.3	10	UG/L	J	T	JEGO
90MW0025	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0025-01	09/08/97	161.33	N1	.98	.9	20	UG/L	J	TZ	JEGO
90MW0025	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0025-01	09/08/97	161.33	N1	ND	393	750	UG/L	UJ	Z	JEGO
90MW0025	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0025-01	09/08/97	161.33	N1	ND	2.4	3	UG/L	U		JEGO
90MW0025	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0025-01	09/08/97	161.33	N1	ND	.4	10	UG/L	U		JEGO
90MW0025	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0025-01	09/08/97	161.33	N1	6260	23.9	500	UG/L			JEGO
90MW0025	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0025-01	09/08/97	161.33	N1	ND	5.2	29	UG/L	U	2H	JEGO
90MW0025	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0025-01	09/08/97	161.33	N1	ND	.5	10	UG/L	U		JEGO
90MW0025	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0025-01	09/08/97	161.33	N1	51.8	1.3	5	UG/L			JEGO
90MW0025	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0025-01	09/08/97	161.33	N1	ND	.2	.2	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0025-01	09/08/97	161.33	N1	ND	.71	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0025-01	09/08/97	161.33	N1	ND	.6	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0025-01	09/08/97	161.33	N1	ND	.59	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0025-01	09/08/97	161.33	N1	ND	.64	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0025-01	09/08/97	161.33	N1	ND	.69	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0025-01	09/08/97	161.33	N1	ND	.76	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0025-01	09/08/97	161.33	N1	.54	.53	1	UG/L	J	T	JEGO
90MW0025	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0025-01	09/08/97	161.33	N1	ND	.49	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0025-01	09/08/97	161.33	N1	ND	.58	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0025-01	09/08/97	161.33	N1	ND	.68	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0025-01	09/08/97	161.33	N1	ND	.49	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0025	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0025-01	09/08/97	161.33	N1	ND	.52	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	2-HEXANONE	90MW0025-01	09/08/97	161.33	N1	ND	3.9	5	UG/L	UJ	QS	JEGO
90MW0025	WG	CVOL	METHOD	BENZENE	90MW0025-01	09/08/97	161.33	N1	ND	.69	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0025-01	09/08/97	161.33	N1	ND	.57	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0025-01	09/08/97	161.33	N1	ND	.6	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	BROMOFORM	90MW0025-01	09/08/97	161.33	N1	ND	.4	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	BROMOMETHANE	90MW0025-01	09/08/97	161.33	N1	ND	.82	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0025-01	09/08/97	161.33	N1	ND	.62	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0025-01	09/08/97	161.33	N1	ND	.64	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	CHLOROBENZENE	90MW0025-01	09/08/97	161.33	N1	ND	.4	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	CHLOROETHANE	90MW0025-01	09/08/97	161.33	N1	ND	.71	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	CHLOROFORM	90MW0025-01	09/08/97	161.33	N1	1.3	.6	1	UG/L			JEGO
90MW0025	WG	CVOL	METHOD	CHLOROMETHANE	90MW0025-01	09/08/97	161.33	N1	ND	.67	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0025-01	09/08/97	161.33	N1	ND	.58	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0025-01	09/08/97	161.33	N1	ND	.58	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0025-01	09/08/97	161.33	N1	ND	.55	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	ETHYLBENZENE	90MW0025-01	09/08/97	161.33	N1	ND	.5	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0025-01	09/08/97	161.33	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90MW0025	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0025-01	09/08/97	161.33	N1	ND	.65	2	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	STYRENE	90MW0025-01	09/08/97	161.33	N1	ND	.48	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0025-01	09/08/97	161.33	N1	ND	.67	2	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0025-01	09/08/97	161.33	N1	ND	.41	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	TOLUENE	90MW0025-01	09/08/97	161.33	N1	ND	.5	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0025-01	09/08/97	161.33	N1	ND	.57	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0025-01	09/08/97	161.33	N1	ND	.57	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0025-01	09/08/97	161.33	N1	ND	.62	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0025-01	09/08/97	161.33	N1	ND	.61	1	UG/L	U		JEGO
90MW0025	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0025-01	09/08/97	161.33	N1	ND	.5	1	UG/L	U		JEGO
90MW0027	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0027-01	09/08/97	165.90	N1	13	.006	.5	UG/L			JEGO
90MW0027	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0027-01	09/08/97	165.90	N1	ND	181	186	UG/L	U	ZH	JEGO
90MW0027	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0027-01	09/08/97	165.90	N1	ND	1.2	5	UG/L	U		JEGO
90MW0027	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0027-01	09/08/97	165.90	N1	ND	1.7	5	UG/L	U		JEGO
90MW0027	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0027-01	09/08/97	165.90	N1	2.4	.2	20	UG/L	J	T	JEGO
90MW0027	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0027-01	09/08/97	165.90	N1	ND	.2	1	UG/L	U		JEGO
90MW0027	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0027-01	09/08/97	165.90	N1	ND	.3	1	UG/L	U		JEGO
90MW0027	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0027-01	09/08/97	165.90	N1	3520	15.6	500	UG/L			JEGO
90MW0027	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0027-01	09/08/97	165.90	N1	ND	.4	5	UG/L	UJ	Z	JEGO
90MW0027	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0027-01	09/08/97	165.90	N1	ND	.99	5	UG/L	U	ZH	JEGO
90MW0027	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0027-01	09/08/97	165.90	N1	1.5	.8	5	UG/L	J	TZ	JEGO
90MW0027	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0027-01	09/08/97	165.90	N1	118	8.1	100	UG/L			JEGO
90MW0027	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0027-01	09/08/97	165.90	N1	2.6	1.1	2	UG/L			JEGO
90MW0027	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0027-01	09/08/97	165.90	N1	1380	23	500	UG/L			JEGO
90MW0027	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0027-01	09/08/97	165.90	N1	2.5	.3	10	UG/L	J	T	JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0027	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0027-01	09/08/97	165.90	N1	ND	.9	20	UG/L	UJ	Z	JEGO
90MW0027	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0027-01	09/08/97	165.90	N1	ND	393	750	UG/L	UJ	Z	JEGO
90MW0027	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0027-01	09/08/97	165.90	N1	ND	2.4	3	UG/L	U		JEGO
90MW0027	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0027-01	09/08/97	165.90	N1	ND	.4	10	UG/L	U		JEGO
90MW0027	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0027-01	09/08/97	165.90	N1	6650	23.9	500	UG/L			JEGO
90MW0027	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0027-01	09/08/97	165.90	N1	ND	3.2	29	UG/L	U	2H	JEGO
90MW0027	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0027-01	09/08/97	165.90	N1	ND	.5	10	UG/L	U		JEGO
90MW0027	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0027-01	09/08/97	165.90	N1	ND	26	47	UG/L	U	7H	JEGO
90MW0027	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0027-01	09/08/97	165.90	N1	ND	.2	.2	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0027-01	09/08/97	165.90	N1	ND	.71	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0027-01	09/08/97	165.90	N1	ND	.6	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0027-01	09/08/97	165.90	N1	ND	.59	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0027-01	09/08/97	165.90	N1	ND	.64	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0027-01	09/08/97	165.90	N1	ND	.69	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0027-01	09/08/97	165.90	N1	ND	.76	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0027-01	09/08/97	165.90	N1	10	.53	1	UG/L			JEGO
90MW0027	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0027-01	09/08/97	165.90	N1	ND	.49	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0027-01	09/08/97	165.90	N1	ND	.58	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0027-01	09/08/97	165.90	N1	ND	.68	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0027-01	09/08/97	165.90	N1	ND	.49	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0027-01	09/08/97	165.90	N1	ND	.52	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	2-HEXANONE	90MW0027-01	09/08/97	165.90	N1	ND	3.9	5	UG/L	UJ	QS	JEGO
90MW0027	WG	CVOL	METHOD	BENZENE	90MW0027-01	09/08/97	165.90	N1	ND	.69	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0027-01	09/08/97	165.90	N1	ND	.57	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0027-01	09/08/97	165.90	N1	ND	.6	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	BROMOFORM	90MW0027-01	09/08/97	165.90	N1	ND	.4	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	BROMOMETHANE	90MW0027-01	09/08/97	165.90	N1	ND	.82	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0027-01	09/08/97	165.90	N1	ND	.62	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0027-01	09/08/97	165.90	N1	ND	.64	1	UG/L	UJ	B	JEGO
90MW0027	WG	CVOL	METHOD	CHLOROBENZENE	90MW0027-01	09/08/97	165.90	N1	ND	.4	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	CHLOROETHANE	90MW0027-01	09/08/97	165.90	N1	ND	.71	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	CHLOROFORM	90MW0027-01	09/08/97	165.90	N1	.64	.6	1	UG/L	J	T	JEGO
90MW0027	WG	CVOL	METHOD	CHLOROMETHANE	90MW0027-01	09/08/97	165.90	N1	ND	.67	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0027-01	09/08/97	165.90	N1	ND	.58	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0027-01	09/08/97	165.90	N1	ND	.58	1	UG/L	UJ	B	JEGO
90MW0027	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0027-01	09/08/97	165.90	N1	ND	.55	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	ETHYLBENZENE	90MW0027-01	09/08/97	165.90	N1	ND	.5	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0027-01	09/08/97	165.90	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90MW0027	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0027-01	09/08/97	165.90	N1	ND	.65	2	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	STYRENE	90MW0027-01	09/08/97	165.90	N1	ND	.48	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0027-01	09/08/97	165.90	N1	ND	.67	2	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0027-01	09/08/97	165.90	N1	ND	.41	1	UG/L	UJ	B	JEGO
90MW0027	WG	CVOL	METHOD	TOLUENE	90MW0027-01	09/08/97	165.90	N1	ND	.5	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0027	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0027-01	09/08/97	165.90	N1	ND	.57	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0027-01	09/08/97	165.90	N1	ND	.57	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0027-01	09/08/97	165.90	N1	ND	.62	1	UG/L	UJ	B	JEGO
90MW0027	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0027-01	09/08/97	165.90	N1	ND	.61	1	UG/L	U		JEGO
90MW0027	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0027-01	09/08/97	165.90	N1	ND	.5	1	UG/L	U		JEGO
90MW0028	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0028-01	09/15/97	174.40	N1	ND	.006	.01	UG/L	U		JEGO
90MW0028	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0028-01	09/15/97	174.40	N1	ND	221	254	UG/L	U	2H	JEGO
90MW0028	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0028-01	09/15/97	174.40	N1	ND	1.2	5	UG/L	U		JEGO
90MW0028	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0028-01	09/15/97	174.40	N1	ND	1.7	5	UG/L	U		JEGO
90MW0028	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0028-01	09/15/97	174.40	N1	3.2	.2	20	UG/L	J	T	JEGO
90MW0028	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0028-01	09/15/97	174.40	N1	ND	.37	3.5	UG/L	U	2H	JEGO
90MW0028	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0028-01	09/15/97	174.40	N1	ND	.3	1	UG/L	U		JEGO
90MW0028	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0028-01	09/15/97	174.40	N1	2370	15.6	500	UG/L			JEGO
90MW0028	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0028-01	09/15/97	174.40	N1	ND	2	5	UG/L	UJ	2Z	JEGO
90MW0028	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0028-01	09/15/97	174.40	N1	ND	4	5	UG/L	U	2H	JEGO
90MW0028	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0028-01	09/15/97	174.40	N1	2.9	.8	5	UG/L	J	TZ	JEGO
90MW0028	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0028-01	09/15/97	174.40	N1	271	8.1	100	UG/L			JEGO
90MW0028	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0028-01	09/15/97	174.40	N1	ND	1.1	2	UG/L	U		JEGO
90MW0028	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0028-01	09/15/97	174.40	N1	1050	23	500	UG/L			JEGO
90MW0028	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0028-01	09/15/97	174.40	N1	70.1	.3	10	UG/L			JEGO
90MW0028	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0028-01	09/15/97	174.40	N1	4.1	.9	20	UG/L	J	T	JEGO
90MW0028	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0028-01	09/15/97	174.40	N1	ND	393	750	UG/L	U		JEGO
90MW0028	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0028-01	09/15/97	174.40	N1	ND	2.4	3	UG/L	UJ	Z	JEGO
90MW0028	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0028-01	09/15/97	174.40	N1	ND	.4	10	UG/L	U		JEGO
90MW0028	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0028-01	09/15/97	174.40	N1	6570	23.9	500	UG/L			JEGO
90MW0028	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0028-01	09/15/97	174.40	N1	ND	3.8	33.5	UG/L	U	2H	JEGO
90MW0028	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0028-01	09/15/97	174.40	N1	ND	.51	10	UG/L	U	2H	JEGO
90MW0028	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0028-01	09/15/97	174.40	N1	ND	21.6	24	UG/L	U	2H	JEGO
90MW0028	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0028-01	09/15/97	174.40	N1	ND	.2	.2	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0028-01	09/15/97	174.40	N1	ND	.71	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0028-01	09/15/97	174.40	N1	ND	.6	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0028-01	09/15/97	174.40	N1	ND	.59	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0028-01	09/15/97	174.40	N1	ND	.64	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0028-01	09/15/97	174.40	N1	ND	.69	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0028-01	09/15/97	174.40	N1	ND	.76	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0028-01	09/15/97	174.40	N1	ND	.53	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0028-01	09/15/97	174.40	N1	ND	.49	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0028-01	09/15/97	174.40	N1	ND	.58	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0028-01	09/15/97	174.40	N1	ND	.68	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0028-01	09/15/97	174.40	N1	ND	.49	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0028-01	09/15/97	174.40	N1	ND	.52	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	2-HEXANONE	90MW0028-01	09/15/97	174.40	N1	ND	3.9	5	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	BENZENE	90MW0028-01	09/15/97	174.40	N1	ND	.69	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0028	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0028-01	09/15/97	174.40	N1	ND	.57	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0028-01	09/15/97	174.40	N1	ND	.6	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	BROMOFORM	90MW0028-01	09/15/97	174.40	N1	ND	.4	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	BROMOMETHANE	90MW0028-01	09/15/97	174.40	N1	ND	.82	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0028-01	09/15/97	174.40	N1	ND	.62	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0028-01	09/15/97	174.40	N1	ND	.64	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	CHLOROBENZENE	90MW0028-01	09/15/97	174.40	N1	ND	.4	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	CHLOROETHANE	90MW0028-01	09/15/97	174.40	N1	ND	.71	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	CHLOROFORM	90MW0028-01	09/15/97	174.40	N1	1.2	.6	1	UG/L			JEGO
90MW0028	WG	CVOL	METHOD	CHLOROMETHANE	90MW0028-01	09/15/97	174.40	N1	ND	.67	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0028-01	09/15/97	174.40	N1	ND	.58	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0028-01	09/15/97	174.40	N1	ND	.58	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0028-01	09/15/97	174.40	N1	ND	.55	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	ETHYLBENZENE	90MW0028-01	09/15/97	174.40	N1	ND	.5	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0028-01	09/15/97	174.40	N1	ND	3.6	5	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0028-01	09/15/97	174.40	N1	ND	.65	2	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	STYRENE	90MW0028-01	09/15/97	174.40	N1	ND	.48	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0028-01	09/15/97	174.40	N1	ND	.67	2	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0028-01	09/15/97	174.40	N1	ND	.41	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	TOLUENE	90MW0028-01	09/15/97	174.40	N1	ND	.5	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0028-01	09/15/97	174.40	N1	ND	.57	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0028-01	09/15/97	174.40	N1	ND	.57	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0028-01	09/15/97	174.40	N1	ND	.62	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0028-01	09/15/97	174.40	N1	ND	.61	1	UG/L	U		JEGO
90MW0028	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0028-01	09/15/97	174.40	N1	ND	.5	1	UG/L	U		JEGO
90MW0033	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0033-02	09/08/97	162.28	N1	ND	.006	.01	UG/L	U		JEGO
90MW0033	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0033-02	09/08/97	162.28	N1	344	16.6	100	UG/L			JEGO
90MW0033	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0033-02	09/08/97	162.28	N1	ND	1.2	5	UG/L	U		JEGO
90MW0033	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0033-02	09/08/97	162.28	N1	1.8	1.7	5	UG/L	J	T	JEGO
90MW0033	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0033-02	09/08/97	162.28	N1	3	.2	20	UG/L	J	T	JEGO
90MW0033	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0033-02	09/08/97	162.28	N1	ND	.2	1	UG/L	U		JEGO
90MW0033	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0033-02	09/08/97	162.28	N1	ND	.3	1	UG/L	U		JEGO
90MW0033	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0033-02	09/08/97	162.28	N1	2150	15.6	500	UG/L			JEGO
90MW0033	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0033-02	09/08/97	162.28	N1	2	.4	5	UG/L	J	TZ	JEGO
90MW0033	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0033-02	09/08/97	162.28	N1	3.1	.3	5	UG/L	J	T	JEGO
90MW0033	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0033-02	09/08/97	162.28	N1	ND	.8	5	UG/L	UJ	Z	JEGO
90MW0033	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0033-02	09/08/97	162.28	N1	302	8.1	100	UG/L			JEGO
90MW0033	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0033-02	09/08/97	162.28	N1	ND	1.1	2	UG/L	U		JEGO
90MW0033	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0033-02	09/08/97	162.28	N1	1020	23	500	UG/L			JEGO
90MW0033	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0033-02	09/08/97	162.28	N1	3.9	.3	10	UG/L	J	T	JEGO
90MW0033	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0033-02	09/08/97	162.28	N1	ND	.9	20	UG/L	UJ	Z	JEGO
90MW0033	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0033-02	09/08/97	162.28	N1	ND	393	750	UG/L	UJ	Z	JEGO
90MW0033	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0033-02	09/08/97	162.28	N1	ND	2.4	3	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0033	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0033-02	09/08/97	162.28	N1	ND	.4	10	UG/L	U		JEGO
90MW0033	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0033-02	09/08/97	162.28	N1	7090	23.9	500	UG/L			JEGO
90MW0033	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0033-02	09/08/97	162.28	N1	ND	14.3	29	UG/L	U	2H	JEGO
90MW0033	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0033-02	09/08/97	162.28	N1	.76	.5	10	UG/L	J	T	JEGO
90MW0033	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0033-02	09/08/97	162.28	N1	10.4	1.3	5	UG/L			JEGO
90MW0033	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0033-02	09/08/97	162.28	N1	ND	.2	.2	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0033-02	09/08/97	162.28	N1	ND	.71	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0033-02	09/08/97	162.28	N1	ND	.6	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0033-02	09/08/97	162.28	N1	ND	.59	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0033-02	09/08/97	162.28	N1	ND	.64	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0033-02	09/08/97	162.28	N1	ND	.69	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0033-02	09/08/97	162.28	N1	ND	.76	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0033-02	09/08/97	162.28	N1	ND	.53	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0033-02	09/08/97	162.28	N1	ND	.49	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0033-02	09/08/97	162.28	N1	ND	.58	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0033-02	09/08/97	162.28	N1	ND	.68	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0033-02	09/08/97	162.28	N1	ND	.49	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0033-02	09/08/97	162.28	N1	ND	.52	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	2-HEXANONE	90MW0033-02	09/08/97	162.28	N1	ND	3.9	5	UG/L	UJ	QS	JEGO
90MW0033	WG	CVOL	METHOD	BENZENE	90MW0033-02	09/08/97	162.28	N1	ND	.69	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0033-02	09/08/97	162.28	N1	ND	.57	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0033-02	09/08/97	162.28	N1	ND	.6	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	BROMOFORM	90MW0033-02	09/08/97	162.28	N1	ND	.4	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	BROMOMETHANE	90MW0033-02	09/08/97	162.28	N1	ND	.82	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0033-02	09/08/97	162.28	N1	ND	.62	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0033-02	09/08/97	162.28	N1	ND	.64	1	UG/L	UJ	B	JEGO
90MW0033	WG	CVOL	METHOD	CHLOROBENZENE	90MW0033-02	09/08/97	162.28	N1	ND	.4	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	CHLOROETHANE	90MW0033-02	09/08/97	162.28	N1	ND	.71	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	CHLOROFORM	90MW0033-02	09/08/97	162.28	N1	ND	.6	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	CHLOROMETHANE	90MW0033-02	09/08/97	162.28	N1	ND	.67	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0033-02	09/08/97	162.28	N1	ND	.58	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0033-02	09/08/97	162.28	N1	ND	.58	1	UG/L	UJ	B	JEGO
90MW0033	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0033-02	09/08/97	162.28	N1	ND	.55	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	ETHYLBENZENE	90MW0033-02	09/08/97	162.28	N1	ND	.5	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0033-02	09/08/97	162.28	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90MW0033	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0033-02	09/08/97	162.28	N1	ND	.65	2	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	STYRENE	90MW0033-02	09/08/97	162.28	N1	ND	.48	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0033-02	09/08/97	162.28	N1	ND	.67	2	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0033-02	09/08/97	162.28	N1	ND	.41	1	UG/L	UJ	B	JEGO
90MW0033	WG	CVOL	METHOD	TOLUENE	90MW0033-02	09/08/97	162.28	N1	ND	.5	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0033-02	09/08/97	162.28	N1	ND	.57	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0033-02	09/08/97	162.28	N1	ND	.57	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0033-02	09/08/97	162.28	N1	ND	.62	1	UG/L	UJ	B	JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0033	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0033-02	09/08/97	162.28	N1	ND	.61	1	UG/L	U		JEGO
90MW0033	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0033-02	09/08/97	162.28	N1	ND	.5	1	UG/L	U		JEGO
90MW0040	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0040-01FD	09/10/97	190.46	FD1	62	1.2	2	UG/L			JEGO
90MW0040	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0040-01	09/10/97	190.46	N1	61	1.2	2	UG/L			JEGO
90MW0040	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	ND	55.1	254	UG/L	U	2H	JEGO
90MW0040	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0040-01	09/10/97	190.46	N1	ND	72.1	254	UG/L	U	2H	JEGO
90MW0040	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	ND	2.8	13	UG/L	U	2H	JEGO
90MW0040	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0040-01	09/10/97	190.46	N1	ND	1.2	5	UG/L	U		JEGO
90MW0040	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	ND	1.7	5	UG/L	U		JEGO
90MW0040	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0040-01	09/10/97	190.46	N1	ND	1.7	5	UG/L	U		JEGO
90MW0040	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	ND	1.1	20	UG/L	U	2H	JEGO
90MW0040	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0040-01	09/10/97	190.46	N1	ND	1.2	20	UG/L	U	2H	JEGO
90MW0040	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	ND	.22	3.5	UG/L	U	2H	JEGO
90MW0040	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0040-01	09/10/97	190.46	N1	ND	.21	3.5	UG/L	U	2H	JEGO
90MW0040	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	ND	.3	1	UG/L	U		JEGO
90MW0040	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0040-01	09/10/97	190.46	N1	ND	.3	1	UG/L	U		JEGO
90MW0040	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	2690	15.6	500	UG/L			JEGO
90MW0040	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0040-01	09/10/97	190.46	N1	2490	15.6	500	UG/L			JEGO
90MW0040	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	ND	.5	5	UG/L	U	2H	JEGO
90MW0040	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0040-01	09/10/97	190.46	N1	ND	.86	5	UG/L	U	2H	JEGO
90MW0040	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	ND	.96	5	UG/L	U	2H	JEGO
90MW0040	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0040-01	09/10/97	190.46	N1	ND	1	5	UG/L	U	2H	JEGO
90MW0040	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	ND	.8	5	UG/L	UJ	Z	JEGO
90MW0040	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0040-01	09/10/97	190.46	N1	ND	.8	5	UG/L	UJ	Z	JEGO
90MW0040	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	ND	55.8	105	UG/L	U	2H	JEGO
90MW0040	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0040-01	09/10/97	190.46	N1	ND	99.7	105	UG/L	U	2H	JEGO
90MW0040	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	ND	1.1	2	UG/L	U		JEGO
90MW0040	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0040-01	09/10/97	190.46	N1	ND	1.1	2	UG/L	U		JEGO
90MW0040	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	1050	23	500	UG/L			JEGO
90MW0040	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0040-01	09/10/97	190.46	N1	963	23	500	UG/L			JEGO
90MW0040	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	8	.3	10	UG/L	J	T	JEGO
90MW0040	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0040-01	09/10/97	190.46	N1	8.3	.3	10	UG/L	J	T	JEGO
90MW0040	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	ND	.9	20	UG/L	U		JEGO
90MW0040	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0040-01	09/10/97	190.46	N1	ND	.9	20	UG/L	U		JEGO
90MW0040	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	ND	393	750	UG/L	U		JEGO
90MW0040	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0040-01	09/10/97	190.46	N1	ND	393	750	UG/L	U		JEGO
90MW0040	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	ND	2.4	3	UG/L	UJ	Z	JEGO
90MW0040	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0040-01	09/10/97	190.46	N1	ND	2.4	3	UG/L	UJ	Z	JEGO
90MW0040	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	ND	.4	10	UG/L	U		JEGO
90MW0040	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0040-01	09/10/97	190.46	N1	ND	.4	10	UG/L	U		JEGO
90MW0040	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	7780	23.9	500	UG/L			JEGO
90MW0040	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0040-01	09/10/97	190.46	N1	7160	23.9	500	UG/L			JEGO
90MW0040	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	ND	4.5	33.5	UG/L	U	2H	JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0040	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0040-01	09/10/97	190.46	N1	ND	4.9	33.5	UG/L	U	2H	JEGO
90MW0040	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	ND	.5	10	UG/L	U		JEGO
90MW0040	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0040-01	09/10/97	190.46	N1	ND	.57	10	UG/L	U	2H	JEGO
90MW0040	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	ND	8.7	15.5	UG/L	U	2H	JEGO
90MW0040	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0040-01	09/10/97	190.46	N1	ND	12.4	15.5	UG/L	U	2H	JEGO
90MW0040	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0040-01FD	09/10/97	190.46	FD1	ND	.2	.2	UG/L	UJ	Z	JEGO
90MW0040	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0040-01	09/10/97	190.46	N1	ND	.2	.2	UG/L	UJ	Z	JEGO
90MW0040	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0040-01FD	09/10/97	190.46	FD1	ND	3.6	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0040-01	09/10/97	190.46	N1	ND	3.6	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0040-01FD	09/10/97	190.46	FD1	ND	3	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0040-01	09/10/97	190.46	N1	ND	3	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0040-01FD	09/10/97	190.46	FD1	ND	3	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0040-01	09/10/97	190.46	N1	ND	3	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0040-01FD	09/10/97	190.46	FD1	ND	3.2	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0040-01	09/10/97	190.46	N1	ND	3.2	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0040-01FD	09/10/97	190.46	FD1	ND	3.4	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0040-01	09/10/97	190.46	N1	ND	3.4	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0040-01FD	09/10/97	190.46	FD1	ND	3.8	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0040-01	09/10/97	190.46	N1	ND	3.8	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0040-01FD	09/10/97	190.46	FD1	66	2.6	5	UG/L			JEGO
90MW0040	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0040-01	09/10/97	190.46	N1	66	2.6	5	UG/L			JEGO
90MW0040	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0040-01FD	09/10/97	190.46	FD1	ND	2.4	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0040-01	09/10/97	190.46	N1	ND	2.4	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0040-01FD	09/10/97	190.46	FD1	ND	2.9	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0040-01	09/10/97	190.46	N1	3.3	2.9	5	UG/L	J	T	JEGO
90MW0040	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0040-01FD	09/10/97	190.46	FD1	ND	3.4	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0040-01	09/10/97	190.46	N1	ND	3.4	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0040-01FD	09/10/97	190.46	FD1	ND	2.4	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0040-01	09/10/97	190.46	N1	ND	2.4	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0040-01FD	09/10/97	190.46	FD1	ND	2.6	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0040-01	09/10/97	190.46	N1	ND	2.6	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	2-HEXANONE	90MW0040-01FD	09/10/97	190.46	FD1	ND	20	25	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	2-HEXANONE	90MW0040-01	09/10/97	190.46	N1	ND	20	25	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	BENZENE	90MW0040-01FD	09/10/97	190.46	FD1	ND	3.4	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	BENZENE	90MW0040-01	09/10/97	190.46	N1	ND	3.4	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0040-01FD	09/10/97	190.46	FD1	ND	2.8	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0040-01	09/10/97	190.46	N1	ND	2.8	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0040-01FD	09/10/97	190.46	FD1	ND	3	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0040-01	09/10/97	190.46	N1	ND	3	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	BROMOFORM	90MW0040-01FD	09/10/97	190.46	FD1	ND	2	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	BROMOFORM	90MW0040-01	09/10/97	190.46	N1	ND	2	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	BROMOMETHANE	90MW0040-01FD	09/10/97	190.46	FD1	ND	4.1	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	BROMOMETHANE	90MW0040-01	09/10/97	190.46	N1	ND	4.1	5	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0040	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0040-01FD	09/10/97	190.46	FD1	ND	3.1	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0040-01	09/10/97	190.46	N1	ND	3.1	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0040-01FD	09/10/97	190.46	FD1	ND	3.2	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0040-01	09/10/97	190.46	N1	ND	3.2	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	CHLOROBENZENE	90MW0040-01FD	09/10/97	190.46	FD1	ND	2	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	CHLOROBENZENE	90MW0040-01	09/10/97	190.46	N1	ND	2	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	CHLOROETHANE	90MW0040-01FD	09/10/97	190.46	FD1	ND	3.6	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	CHLOROETHANE	90MW0040-01	09/10/97	190.46	N1	ND	3.6	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	CHLOROFORM	90MW0040-01FD	09/10/97	190.46	FD1	ND	3	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	CHLOROFORM	90MW0040-01	09/10/97	190.46	N1	ND	3	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	CHLOROMETHANE	90MW0040-01FD	09/10/97	190.46	FD1	ND	3.4	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	CHLOROMETHANE	90MW0040-01	09/10/97	190.46	N1	ND	3.4	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0040-01FD	09/10/97	190.46	FD1	ND	2.9	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0040-01	09/10/97	190.46	N1	ND	2.9	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0040-01FD	09/10/97	190.46	FD1	ND	2.9	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0040-01	09/10/97	190.46	N1	ND	2.9	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0040-01FD	09/10/97	190.46	FD1	ND	2.8	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0040-01	09/10/97	190.46	N1	ND	2.8	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	ETHYLBENZENE	90MW0040-01FD	09/10/97	190.46	FD1	ND	2.5	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	ETHYLBENZENE	90MW0040-01	09/10/97	190.46	N1	ND	2.5	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0040-01FD	09/10/97	190.46	FD1	ND	18	25	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0040-01	09/10/97	190.46	N1	ND	18	25	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0040-01FD	09/10/97	190.46	FD1	ND	3.2	10	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0040-01	09/10/97	190.46	N1	ND	3.2	10	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	STYRENE	90MW0040-01FD	09/10/97	190.46	FD1	ND	2.4	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	STYRENE	90MW0040-01	09/10/97	190.46	N1	ND	2.4	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0040-01FD	09/10/97	190.46	FD1	ND	3.4	10	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0040-01	09/10/97	190.46	N1	ND	3.4	10	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0040-01FD	09/10/97	190.46	FD1	ND	2	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0040-01	09/10/97	190.46	N1	ND	2	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	TOLUENE	90MW0040-01FD	09/10/97	190.46	FD1	ND	2.5	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	TOLUENE	90MW0040-01	09/10/97	190.46	N1	ND	2.5	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0040-01FD	09/10/97	190.46	FD1	ND	2.8	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0040-01	09/10/97	190.46	N1	ND	2.8	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0040-01FD	09/10/97	190.46	FD1	ND	2.8	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0040-01	09/10/97	190.46	N1	ND	2.8	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0040-01FD	09/10/97	190.46	FD1	ND	3.1	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0040-01	09/10/97	190.46	N1	ND	3.1	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0040-01FD	09/10/97	190.46	FD1	ND	3	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0040-01	09/10/97	190.46	N1	ND	3	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0040-01FD	09/10/97	190.46	FD1	ND	2.5	5	UG/L	U		JEGO
90MW0040	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0040-01	09/10/97	190.46	N1	ND	2.5	5	UG/L	U		JEGO
90MW0042	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0042-02	09/10/97	152.45	N1	.025	.006	.01	UG/L			JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0042	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0042-02	09/10/97	152.45	N1	73.8	16.6	100	UG/L	J	T	JEGO
90MW0042	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0042-02	09/10/97	152.45	N1	ND	1.2	5	UG/L	U		JEGO
90MW0042	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0042-02	09/10/97	152.45	N1	ND	1.7	5	UG/L	U		JEGO
90MW0042	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0042-02	09/10/97	152.45	N1	1.5	.2	20	UG/L	J	T	JEGO
90MW0042	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0042-02	09/10/97	152.45	N1	ND	.2	1	UG/L	U		JEGO
90MW0042	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0042-02	09/10/97	152.45	N1	ND	.3	1	UG/L	U		JEGO
90MW0042	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0042-02	09/10/97	152.45	N1	2070	15.6	500	UG/L			JEGO
90MW0042	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0042-02	09/10/97	152.45	N1	1.6	.4	5	UG/L	J	T	JEGO
90MW0042	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0042-02	09/10/97	152.45	N1	1.8	.3	5	UG/L	J	T	JEGO
90MW0042	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0042-02	09/10/97	152.45	N1	ND	.8	5	UG/L	U		JEGO
90MW0042	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0042-02	09/10/97	152.45	N1	113	8.1	100	UG/L			JEGO
90MW0042	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0042-02	09/10/97	152.45	N1	ND	1.1	2	UG/L	U		JEGO
90MW0042	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0042-02	09/10/97	152.45	N1	899	23	500	UG/L			JEGO
90MW0042	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0042-02	09/10/97	152.45	N1	3	.3	10	UG/L	J	T	JEGO
90MW0042	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0042-02	09/10/97	152.45	N1	1.1	.9	20	UG/L	J	T	JEGO
90MW0042	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0042-02	09/10/97	152.45	N1	679	393	750	UG/L	J	T	JEGO
90MW0042	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0042-02	09/10/97	152.45	N1	ND	2.4	3	UG/L	U		JEGO
90MW0042	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0042-02	09/10/97	152.45	N1	ND	.4	10	UG/L	U		JEGO
90MW0042	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0042-02	09/10/97	152.45	N1	6840	23.9	500	UG/L			JEGO
90MW0042	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0042-02	09/10/97	152.45	N1	ND	4.9	25	UG/L	U	2H	JEGO
90MW0042	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0042-02	09/10/97	152.45	N1	ND	.5	10	UG/L	U		JEGO
90MW0042	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0042-02	09/10/97	152.45	N1	ND	15	15.5	UG/L	U	2H	JEGO
90MW0042	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0042-02	09/10/97	152.45	N1	ND	.2	.2	UG/L	UJ	Z	JEGO
90MW0042	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0042-02	09/10/97	152.45	N1	ND	.71	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0042-02	09/10/97	152.45	N1	ND	.6	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0042-02	09/10/97	152.45	N1	ND	.59	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0042-02	09/10/97	152.45	N1	ND	.64	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0042-02	09/10/97	152.45	N1	ND	.69	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0042-02	09/10/97	152.45	N1	ND	.76	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0042-02	09/10/97	152.45	N1	ND	.53	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0042-02	09/10/97	152.45	N1	ND	.49	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0042-02	09/10/97	152.45	N1	ND	.58	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0042-02	09/10/97	152.45	N1	ND	.68	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0042-02	09/10/97	152.45	N1	ND	.49	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0042-02	09/10/97	152.45	N1	ND	.52	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	2-HEXANONE	90MW0042-02	09/10/97	152.45	N1	ND	3.9	5	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	BENZENE	90MW0042-02	09/10/97	152.45	N1	ND	.69	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0042-02	09/10/97	152.45	N1	ND	.57	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0042-02	09/10/97	152.45	N1	ND	.6	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	BROMOFORM	90MW0042-02	09/10/97	152.45	N1	ND	.4	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	BROMOMETHANE	90MW0042-02	09/10/97	152.45	N1	ND	.82	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0042-02	09/10/97	152.45	N1	ND	.62	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0042-02	09/10/97	152.45	N1	ND	.64	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0042	WG	CVOL	METHOD	CHLOROBENZENE	90MW0042-02	09/10/97	152.45	N1	ND	.4	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	CHLOROETHANE	90MW0042-02	09/10/97	152.45	N1	ND	.71	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	CHLOROFORM	90MW0042-02	09/10/97	152.45	N1	1.2	.6	1	UG/L			JEGO
90MW0042	WG	CVOL	METHOD	CHLOROMETHANE	90MW0042-02	09/10/97	152.45	N1	ND	.67	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0042-02	09/10/97	152.45	N1	ND	.58	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0042-02	09/10/97	152.45	N1	ND	.58	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0042-02	09/10/97	152.45	N1	ND	.55	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	ETHYLBENZENE	90MW0042-02	09/10/97	152.45	N1	ND	.5	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0042-02	09/10/97	152.45	N1	ND	3.6	5	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0042-02	09/10/97	152.45	N1	ND	.65	2	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	STYRENE	90MW0042-02	09/10/97	152.45	N1	ND	.48	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0042-02	09/10/97	152.45	N1	ND	.67	2	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0042-02	09/10/97	152.45	N1	ND	.41	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	TOLUENE	90MW0042-02	09/10/97	152.45	N1	ND	.5	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0042-02	09/10/97	152.45	N1	ND	.57	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0042-02	09/10/97	152.45	N1	ND	.57	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0042-02	09/10/97	152.45	N1	ND	.62	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0042-02	09/10/97	152.45	N1	ND	.61	1	UG/L	U		JEGO
90MW0042	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0042-02	09/10/97	152.45	N1	ND	.5	1	UG/L	U		JEGO
90MW0050	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0050-01	09/12/97	87.50	N1	.073	.006	.01	UG/L	J	S	JEGO
90MW0050	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0050-01	09/12/97	87.50	N1	ND	87.2	254	UG/L	U	2H	JEGO
90MW0050	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0050-01	09/12/97	87.50	N1	ND	1.2	5	UG/L	U		JEGO
90MW0050	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0050-01	09/12/97	87.50	N1	ND	1.7	5	UG/L	U		JEGO
90MW0050	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0050-01	09/12/97	87.50	N1	ND	1.7	20	UG/L	U	2	JEGO
90MW0050	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0050-01	09/12/97	87.50	N1	ND	.29	3.5	UG/L	U	2H	JEGO
90MW0050	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0050-01	09/12/97	87.50	N1	ND	.3	1	UG/L	U		JEGO
90MW0050	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0050-01	09/12/97	87.50	N1	1310	15.6	500	UG/L			JEGO
90MW0050	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0050-01	09/12/97	87.50	N1	ND	.76	5	UG/L	U	2	JEGO
90MW0050	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0050-01	09/12/97	87.50	N1	ND	.76	5	UG/L	U	2H	JEGO
90MW0050	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0050-01	09/12/97	87.50	N1	5.2	.8	5	UG/L	J	ZL	JEGO
90MW0050	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0050-01	09/12/97	87.50	N1	ND	70	105	UG/L	U	7H	JEGO
90MW0050	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0050-01	09/12/97	87.50	N1	ND	1.1	2	UG/L	U		JEGO
90MW0050	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0050-01	09/12/97	87.50	N1	772	23	500	UG/L			JEGO
90MW0050	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0050-01	09/12/97	87.50	N1	ND	2.5	10	UG/L	U	2H	JEGO
90MW0050	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0050-01	09/12/97	87.50	N1	ND	.9	20	UG/L	U		JEGO
90MW0050	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0050-01	09/12/97	87.50	N1	ND	393	750	UG/L	U		JEGO
90MW0050	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0050-01	09/12/97	87.50	N1	ND	2.4	3	UG/L	U		JEGO
90MW0050	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0050-01	09/12/97	87.50	N1	ND	.4	10	UG/L	U		JEGO
90MW0050	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0050-01	09/12/97	87.50	N1	6260	23.9	500	UG/L			JEGO
90MW0050	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0050-01	09/12/97	87.50	N1	ND	4.5	33.5	UG/L	U	2H	JEGO
90MW0050	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0050-01	09/12/97	87.50	N1	ND	.52	10	UG/L	U	2	JEGO
90MW0050	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0050-01	09/12/97	87.50	N1	ND	12.5	94	UG/L	U	7H	JEGO
90MW0050	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0050-01	09/12/97	87.50	N1	ND	.2	.2	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0050	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0050-01	09/12/97	87.50	N1	ND	.71	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0050-01	09/12/97	87.50	N1	ND	.6	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0050-01	09/12/97	87.50	N1	ND	.59	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0050-01	09/12/97	87.50	N1	ND	.64	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0050-01	09/12/97	87.50	N1	ND	.69	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0050-01	09/12/97	87.50	N1	ND	.76	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0050-01	09/12/97	87.50	N1	ND	.53	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0050-01	09/12/97	87.50	N1	ND	.49	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0050-01	09/12/97	87.50	N1	ND	.58	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0050-01	09/12/97	87.50	N1	ND	.68	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0050-01	09/12/97	87.50	N1	ND	.49	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0050-01	09/12/97	87.50	N1	ND	.52	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	2-HEXANONE	90MW0050-01	09/12/97	87.50	N1	ND	3.9	5	UG/L	UJ	QS	JEGO
90MW0050	WG	CVOL	METHOD	BENZENE	90MW0050-01	09/12/97	87.50	N1	ND	.69	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0050-01	09/12/97	87.50	N1	ND	.57	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0050-01	09/12/97	87.50	N1	ND	.6	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	BROMOFORM	90MW0050-01	09/12/97	87.50	N1	ND	.4	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	BROMOMETHANE	90MW0050-01	09/12/97	87.50	N1	ND	.82	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0050-01	09/12/97	87.50	N1	ND	.62	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0050-01	09/12/97	87.50	N1	ND	.64	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	CHLOROBENZENE	90MW0050-01	09/12/97	87.50	N1	ND	.4	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	CHLOROETHANE	90MW0050-01	09/12/97	87.50	N1	ND	.71	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	CHLOROFORM	90MW0050-01	09/12/97	87.50	N1	1.1	.6	1	UG/L			JEGO
90MW0050	WG	CVOL	METHOD	CHLOROMETHANE	90MW0050-01	09/12/97	87.50	N1	ND	.67	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0050-01	09/12/97	87.50	N1	ND	.58	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0050-01	09/12/97	87.50	N1	ND	.58	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0050-01	09/12/97	87.50	N1	ND	.55	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	ETHYLBENZENE	90MW0050-01	09/12/97	87.50	N1	ND	.5	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0050-01	09/12/97	87.50	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90MW0050	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0050-01	09/12/97	87.50	N1	ND	.65	2	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	STYRENE	90MW0050-01	09/12/97	87.50	N1	ND	.48	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0050-01	09/12/97	87.50	N1	ND	.67	2	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0050-01	09/12/97	87.50	N1	ND	.41	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	TOLUENE	90MW0050-01	09/12/97	87.50	N1	ND	.5	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0050-01	09/12/97	87.50	N1	ND	.57	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0050-01	09/12/97	87.50	N1	ND	.57	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0050-01	09/12/97	87.50	N1	ND	.62	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0050-01	09/12/97	87.50	N1	ND	.61	1	UG/L	U		JEGO
90MW0050	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0050-01	09/12/97	87.50	N1	ND	.5	1	UG/L	U		JEGO
90MW0053	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0053-01	09/12/97	191.00	N1	.02	.006	.01	UG/L	J	S	JEGO
90MW0053	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0053-01	09/12/97	191.00	N1	ND	61.3	254	UG/L	U	2	JEGO
90MW0053	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0053-01	09/12/97	191.00	N1	2	1.2	5	UG/L	J	T	JEGO
90MW0053	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0053-01	09/12/97	191.00	N1	ND	1.7	5	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0053	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0053-01	09/12/97	191.00	N1	ND	1.3	20	UG/L	U	2	JEGO
90MW0053	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0053-01	09/12/97	191.00	N1	ND	.2	1	UG/L	U		JEGO
90MW0053	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0053-01	09/12/97	191.00	N1	ND	.3	1	UG/L	U		JEGO
90MW0053	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0053-01	09/12/97	191.00	N1	2860	15.6	500	UG/L			JEGO
90MW0053	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0053-01	09/12/97	191.00	N1	ND	.4	5	UG/L	UJ	ZL	JEGO
90MW0053	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0053-01	09/12/97	191.00	N1	ND	.3	5	UG/L	U	2	JEGO
90MW0053	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0053-01	09/12/97	191.00	N1	3.5	.8	5	UG/L	J	LTZ	JEGO
90MW0053	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0053-01	09/12/97	191.00	N1	ND	86.4	105	UG/L	U	Z	JEGO
90MW0053	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0053-01	09/12/97	191.00	N1	ND	1.1	2	UG/L	U		JEGO
90MW0053	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0053-01	09/12/97	191.00	N1	1480	23	500	UG/L			JEGO
90MW0053	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0053-01	09/12/97	191.00	N1	24.7	.3	10	UG/L			JEGO
90MW0053	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0053-01	09/12/97	191.00	N1	1.1	.9	20	UG/L	J	T	JEGO
90MW0053	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0053-01	09/12/97	191.00	N1	976	393	750	UG/L			JEGO
90MW0053	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0053-01	09/12/97	191.00	N1	ND	2.4	3	UG/L	UJ	ZL	JEGO
90MW0053	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0053-01	09/12/97	191.00	N1	ND	.4	10	UG/L	U		JEGO
90MW0053	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0053-01	09/12/97	191.00	N1	6950	23.9	500	UG/L			JEGO
90MW0053	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0053-01	09/12/97	191.00	N1	ND	4.1	33.5	UG/L	U	2H	JEGO
90MW0053	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0053-01	09/12/97	191.00	N1	ND	.5	10	UG/L	U		JEGO
90MW0053	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0053-01	09/12/97	191.00	N1	16.3	1.3	5	UG/L			JEGO
90MW0053	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0053-01	09/12/97	191.00	N1	ND	.2	.2	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0053-01	09/12/97	191.00	N1	ND	.71	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0053-01	09/12/97	191.00	N1	ND	.6	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0053-01	09/12/97	191.00	N1	ND	.59	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0053-01	09/12/97	191.00	N1	ND	.64	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0053-01	09/12/97	191.00	N1	ND	.69	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0053-01	09/12/97	191.00	N1	ND	.76	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0053-01	09/12/97	191.00	N1	ND	.53	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0053-01	09/12/97	191.00	N1	ND	.49	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0053-01	09/12/97	191.00	N1	ND	.58	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0053-01	09/12/97	191.00	N1	ND	.68	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0053-01	09/12/97	191.00	N1	ND	.49	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0053-01	09/12/97	191.00	N1	ND	.52	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	2-HEXANONE	90MW0053-01	09/12/97	191.00	N1	ND	3.9	5	UG/L	UJ	QS	JEGO
90MW0053	WG	CVOL	METHOD	BENZENE	90MW0053-01	09/12/97	191.00	N1	ND	.69	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0053-01	09/12/97	191.00	N1	ND	.57	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0053-01	09/12/97	191.00	N1	ND	.6	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	BROMOFORM	90MW0053-01	09/12/97	191.00	N1	ND	.4	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	BROMOMETHANE	90MW0053-01	09/12/97	191.00	N1	ND	.82	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0053-01	09/12/97	191.00	N1	ND	.62	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0053-01	09/12/97	191.00	N1	ND	.64	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	CHLOROBENZENE	90MW0053-01	09/12/97	191.00	N1	ND	.4	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	CHLOROETHANE	90MW0053-01	09/12/97	191.00	N1	ND	.71	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	CHLOROFORM	90MW0053-01	09/12/97	191.00	N1	.61	.6	1	UG/L	J	T	JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0053	WG	CVOL	METHOD	CHLOROMETHANE	90MW0053-01	09/12/97	191.00	N1	ND	.67	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0053-01	09/12/97	191.00	N1	ND	.58	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0053-01	09/12/97	191.00	N1	ND	.58	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0053-01	09/12/97	191.00	N1	ND	.55	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	ETHYLBENZENE	90MW0053-01	09/12/97	191.00	N1	ND	.5	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0053-01	09/12/97	191.00	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90MW0053	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0053-01	09/12/97	191.00	N1	ND	.66	8.5	UG/L	U	7H	JEGO
90MW0053	WG	CVOL	METHOD	STYRENE	90MW0053-01	09/12/97	191.00	N1	ND	.48	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0053-01	09/12/97	191.00	N1	ND	.67	2	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0053-01	09/12/97	191.00	N1	ND	.41	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	TOLUENE	90MW0053-01	09/12/97	191.00	N1	ND	.5	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0053-01	09/12/97	191.00	N1	ND	.57	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0053-01	09/12/97	191.00	N1	ND	.57	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0053-01	09/12/97	191.00	N1	ND	.62	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0053-01	09/12/97	191.00	N1	ND	.61	1	UG/L	U		JEGO
90MW0053	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0053-01	09/12/97	191.00	N1	ND	.5	1	UG/L	U		JEGO
90MW0055	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0055-01	09/17/97	223.23	N1	ND	.006	.01	UG/L	U		JEGO
90MW0055	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0055-01	09/17/97	223.23	N1	192	16.6	100	UG/L			JEGO
90MW0055	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0055-01	09/17/97	223.23	N1	ND	1.2	5	UG/L	U		JEGO
90MW0055	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0055-01	09/17/97	223.23	N1	ND	1.7	5	UG/L	U		JEGO
90MW0055	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0055-01	09/17/97	223.23	N1	4	.2	20	UG/L	J	T	JEGO
90MW0055	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0055-01	09/17/97	223.23	N1	ND	.27	3	UG/L	U	2H	JEGO
90MW0055	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0055-01	09/17/97	223.23	N1	ND	.3	1	UG/L	U		JEGO
90MW0055	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0055-01	09/17/97	223.23	N1	2870	15.6	500	UG/L			JEGO
90MW0055	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0055-01	09/17/97	223.23	N1	ND	.4	5	UG/L	UJ	Z	JEGO
90MW0055	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0055-01	09/17/97	223.23	N1	ND	1.2	5	UG/L	U	2H	JEGO
90MW0055	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0055-01	09/17/97	223.23	N1	2.7	.8	5	UG/L	J	TZ	JEGO
90MW0055	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0055-01	09/17/97	223.23	N1	1930	8.1	100	UG/L			JEGO
90MW0055	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0055-01	09/17/97	223.23	N1	ND	1.1	2	UG/L	U		JEGO
90MW0055	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0055-01	09/17/97	223.23	N1	1200	23	500	UG/L			JEGO
90MW0055	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0055-01	09/17/97	223.23	N1	57.6	.3	10	UG/L			JEGO
90MW0055	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0055-01	09/17/97	223.23	N1	.92	.9	20	UG/L	J	T	JEGO
90MW0055	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0055-01	09/17/97	223.23	N1	1040	393	750	UG/L			JEGO
90MW0055	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0055-01	09/17/97	223.23	N1	ND	2.4	3	UG/L	UJ	Z	JEGO
90MW0055	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0055-01	09/17/97	223.23	N1	ND	.4	10	UG/L	U		JEGO
90MW0055	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0055-01	09/17/97	223.23	N1	7350	23.9	500	UG/L			JEGO
90MW0055	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0055-01	09/17/97	223.23	N1	ND	3	10	UG/L	U		JEGO
90MW0055	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0055-01	09/17/97	223.23	N1	.96	.96	10	UG/L	U	2H	JEGO
90MW0055	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0055-01	09/17/97	223.23	N1	14	1.3	5	UG/L			JEGO
90MW0055	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0055-01	09/17/97	223.23	N1	ND	.2	.2	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0055-01	09/17/97	223.23	N1	ND	.71	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0055-01	09/17/97	223.23	N1	ND	.6	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0055-01	09/17/97	223.23	N1	ND	.59	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0055	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0055-01	09/17/97	223.23	N1	ND	.64	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0055-01	09/17/97	223.23	N1	ND	.69	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0055-01	09/17/97	223.23	N1	ND	.76	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0055-01	09/17/97	223.23	N1	ND	.53	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0055-01	09/17/97	223.23	N1	ND	.49	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0055-01	09/17/97	223.23	N1	ND	.58	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0055-01	09/17/97	223.23	N1	ND	.68	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0055-01	09/17/97	223.23	N1	ND	.49	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0055-01	09/17/97	223.23	N1	ND	.52	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	2-HEXANONE	90MW0055-01	09/17/97	223.23	N1	ND	3.9	5	UG/L	UJ	QS	JEGO
90MW0055	WG	CVOL	METHOD	BENZENE	90MW0055-01	09/17/97	223.23	N1	ND	.69	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0055-01	09/17/97	223.23	N1	ND	.57	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0055-01	09/17/97	223.23	N1	ND	.6	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	BROMOFORM	90MW0055-01	09/17/97	223.23	N1	ND	.4	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	BROMOMETHANE	90MW0055-01	09/17/97	223.23	N1	ND	.82	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0055-01	09/17/97	223.23	N1	ND	.62	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0055-01	09/17/97	223.23	N1	ND	.64	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	CHLOROBENZENE	90MW0055-01	09/17/97	223.23	N1	ND	.4	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	CHLOROETHANE	90MW0055-01	09/17/97	223.23	N1	ND	.71	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	CHLOROFORM	90MW0055-01	09/17/97	223.23	N1	ND	.6	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	CHLOROMETHANE	90MW0055-01	09/17/97	223.23	N1	ND	.67	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0055-01	09/17/97	223.23	N1	ND	.58	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0055-01	09/17/97	223.23	N1	ND	.58	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0055-01	09/17/97	223.23	N1	ND	.55	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	ETHYLBENZENE	90MW0055-01	09/17/97	223.23	N1	ND	.5	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0055-01	09/17/97	223.23	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90MW0055	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0055-01	09/17/97	223.23	N1	ND	.65	2	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	STYRENE	90MW0055-01	09/17/97	223.23	N1	ND	.48	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0055-01	09/17/97	223.23	N1	ND	.67	2	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0055-01	09/17/97	223.23	N1	ND	.41	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	TOLUENE	90MW0055-01	09/17/97	223.23	N1	ND	.5	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0055-01	09/17/97	223.23	N1	ND	.57	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0055-01	09/17/97	223.23	N1	ND	.57	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0055-01	09/17/97	223.23	N1	ND	.62	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0055-01	09/17/97	223.23	N1	ND	.61	1	UG/L	U		JEGO
90MW0055	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0055-01	09/17/97	223.23	N1	ND	.5	1	UG/L	U		JEGO
90MW0064	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0064-01	09/12/97	209.00	N1	ND	.006	.01	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0064-01	09/12/97	209.00	N1	ND	.71	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0064-01	09/12/97	209.00	N1	ND	.6	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0064-01	09/12/97	209.00	N1	ND	.59	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0064-01	09/12/97	209.00	N1	ND	.64	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0064-01	09/12/97	209.00	N1	ND	.69	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0064-01	09/12/97	209.00	N1	ND	.76	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0064	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0064-01	09/12/97	209.00	N1	ND	.53	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0064-01	09/12/97	209.00	N1	ND	.49	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0064-01	09/12/97	209.00	N1	ND	.58	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0064-01	09/12/97	209.00	N1	ND	.68	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0064-01	09/12/97	209.00	N1	ND	.49	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0064-01	09/12/97	209.00	N1	ND	.52	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	2-HEXANONE	90MW0064-01	09/12/97	209.00	N1	ND	3.9	5	UG/L	UJ	QS	JEGO
90MW0064	WG	CVOL	METHOD	BENZENE	90MW0064-01	09/12/97	209.00	N1	ND	.69	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0064-01	09/12/97	209.00	N1	ND	.57	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0064-01	09/12/97	209.00	N1	ND	.6	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	BROMOFORM	90MW0064-01	09/12/97	209.00	N1	ND	.4	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	BROMOMETHANE	90MW0064-01	09/12/97	209.00	N1	ND	.82	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0064-01	09/12/97	209.00	N1	ND	.62	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0064-01	09/12/97	209.00	N1	ND	.64	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	CHLOROBENZENE	90MW0064-01	09/12/97	209.00	N1	ND	.4	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	CHLOROETHANE	90MW0064-01	09/12/97	209.00	N1	ND	.71	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	CHLOROFORM	90MW0064-01	09/12/97	209.00	N1	.87	.6	1	UG/L	J	T	JEGO
90MW0064	WG	CVOL	METHOD	CHLOROMETHANE	90MW0064-01	09/12/97	209.00	N1	ND	.67	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0064-01	09/12/97	209.00	N1	ND	.58	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0064-01	09/12/97	209.00	N1	ND	.58	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0064-01	09/12/97	209.00	N1	ND	.55	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	ETHYLBENZENE	90MW0064-01	09/12/97	209.00	N1	ND	.5	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0064-01	09/12/97	209.00	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90MW0064	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0064-01	09/12/97	209.00	N1	ND	.65	2	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	STYRENE	90MW0064-01	09/12/97	209.00	N1	ND	.48	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0064-01	09/12/97	209.00	N1	ND	.67	2	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0064-01	09/12/97	209.00	N1	ND	.41	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	TOLUENE	90MW0064-01	09/12/97	209.00	N1	ND	.5	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0064-01	09/12/97	209.00	N1	ND	.57	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0064-01	09/12/97	209.00	N1	ND	.57	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0064-01	09/12/97	209.00	N1	ND	.62	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0064-01	09/12/97	209.00	N1	ND	.61	1	UG/L	U		JEGO
90MW0064	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0064-01	09/12/97	209.00	N1	ND	.5	1	UG/L	U		JEGO
90MW0064A	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0064A-01	09/12/97	108.20	N1	ND	.006	.01	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0064A-01	09/12/97	108.20	N1	ND	.71	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0064A-01	09/12/97	108.20	N1	ND	.6	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0064A-01	09/12/97	108.20	N1	ND	.59	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0064A-01	09/12/97	108.20	N1	ND	.64	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0064A-01	09/12/97	108.20	N1	ND	.69	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0064A-01	09/12/97	108.20	N1	ND	.76	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0064A-01	09/12/97	108.20	N1	ND	.53	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0064A-01	09/12/97	108.20	N1	ND	.49	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0064A-01	09/12/97	108.20	N1	ND	.58	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0064A	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0064A-01	09/12/97	108.20	N1	ND	.68	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0064A-01	09/12/97	108.20	N1	ND	.49	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0064A-01	09/12/97	108.20	N1	ND	.52	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	2-HEXANONE	90MW0064A-01	09/12/97	108.20	N1	ND	3.9	5	UG/L	UJ	QS	JEGO
90MW0064A	WG	CVOL	METHOD	BENZENE	90MW0064A-01	09/12/97	108.20	N1	ND	.69	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0064A-01	09/12/97	108.20	N1	ND	.57	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0064A-01	09/12/97	108.20	N1	ND	.6	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	BROMOFORM	90MW0064A-01	09/12/97	108.20	N1	ND	.4	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	BROMOMETHANE	90MW0064A-01	09/12/97	108.20	N1	ND	.82	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0064A-01	09/12/97	108.20	N1	ND	.62	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0064A-01	09/12/97	108.20	N1	ND	.64	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	CHLOROBENZENE	90MW0064A-01	09/12/97	108.20	N1	ND	.4	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	CHLOROETHANE	90MW0064A-01	09/12/97	108.20	N1	ND	.71	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	CHLOROFORM	90MW0064A-01	09/12/97	108.20	N1	.81	.6	1	UG/L	J	T	JEGO
90MW0064A	WG	CVOL	METHOD	CHLOROMETHANE	90MW0064A-01	09/12/97	108.20	N1	ND	.67	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0064A-01	09/12/97	108.20	N1	ND	.58	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0064A-01	09/12/97	108.20	N1	ND	.58	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0064A-01	09/12/97	108.20	N1	ND	.55	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	ETHYLBENZENE	90MW0064A-01	09/12/97	108.20	N1	ND	.5	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0064A-01	09/12/97	108.20	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90MW0064A	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0064A-01	09/12/97	108.20	N1	ND	.65	2	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	STYRENE	90MW0064A-01	09/12/97	108.20	N1	ND	.48	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0064A-01	09/12/97	108.20	N1	ND	.67	2	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0064A-01	09/12/97	108.20	N1	ND	.41	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	TOLUENE	90MW0064A-01	09/12/97	108.20	N1	ND	.5	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0064A-01	09/12/97	108.20	N1	ND	.57	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0064A-01	09/12/97	108.20	N1	ND	.57	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0064A-01	09/12/97	108.20	N1	ND	.62	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0064A-01	09/12/97	108.20	N1	ND	.61	1	UG/L	U		JEGO
90MW0064A	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0064A-01	09/12/97	108.20	N1	ND	.5	1	UG/L	U		JEGO
90MW0066	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0066-08	09/10/97	190.50	N1	.0086	.006	.01	UG/L	J	T	JEGO
90MW0066	WG	E160.2	NONE	SUSPENDED SOLIDS (RESIDUE, NON-F	90MW0066-08	09/10/97	190.50	N1	5	3.6	5	MG/L			JEGO
90MW0066	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0066-08	09/10/97	190.50	N1	893	16.6	100	UG/L			JEGO
90MW0066	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0066-08	09/10/97	190.50	N1	ND	1.2	5	UG/L	U		JEGO
90MW0066	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0066-08	09/10/97	190.50	N1	1.8	1.7	5	UG/L	J	T	JEGO
90MW0066	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0066-08	09/10/97	190.50	N1	6.1	.2	20	UG/L	J	T	JEGO
90MW0066	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0066-08	09/10/97	190.50	N1	ND	.2	1	UG/L	U		JEGO
90MW0066	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0066-08	09/10/97	190.50	N1	ND	.3	1	UG/L	U		JEGO
90MW0066	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0066-08	09/10/97	190.50	N1	5230	15.6	500	UG/L			JEGO
90MW0066	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0066-08	09/10/97	190.50	N1	6.1	.4	5	UG/L			JEGO
90MW0066	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0066-08	09/10/97	190.50	N1	ND	2.5	5	UG/L	U	2H	JEGO
90MW0066	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0066-08	09/10/97	190.50	N1	ND	6.7	14.5	UG/L	U	7H	JEGO
90MW0066	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0066-08	09/10/97	190.50	N1	2740	8.1	100	UG/L			JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0066	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0066-08	09/10/97	190.50	N1	6.7	1.1	2	UG/L			JEGO
90MW0066	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0066-08	09/10/97	190.50	N1	2110	23	500	UG/L			JEGO
90MW0066	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0066-08	09/10/97	190.50	N1	192	.3	10	UG/L			JEGO
90MW0066	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0066-08	09/10/97	190.50	N1	4.7	.9	20	UG/L	J	T	JEGO
90MW0066	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0066-08	09/10/97	190.50	N1	1650	393	750	UG/L			JEGO
90MW0066	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0066-08	09/10/97	190.50	N1	ND	2.4	3	UG/L	UJ	Z	JEGO
90MW0066	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0066-08	09/10/97	190.50	N1	ND	.4	10	UG/L	U		JEGO
90MW0066	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0066-08	09/10/97	190.50	N1	8440	23.9	500	UG/L			JEGO
90MW0066	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0066-08	09/10/97	190.50	N1	ND	4.5	33.5	UG/L	U	2H	JEGO
90MW0066	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0066-08	09/10/97	190.50	N1	ND	2.4	10	UG/L	U	2H	JEGO
90MW0066	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0066-08	09/10/97	190.50	N1	ND	11	15.5	UG/L	U	2H	JEGO
90MW0066	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0066-08	09/10/97	190.50	N1	ND	.2	.2	UG/L	UJ	Z	JEGO
90MW0066	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0066-08	09/10/97	190.50	N1	ND	.71	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0066-08	09/10/97	190.50	N1	ND	.6	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0066-08	09/10/97	190.50	N1	ND	.59	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0066-08	09/10/97	190.50	N1	ND	.64	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0066-08	09/10/97	190.50	N1	ND	.69	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0066-08	09/10/97	190.50	N1	ND	.76	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0066-08	09/10/97	190.50	N1	ND	.53	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0066-08	09/10/97	190.50	N1	ND	.49	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0066-08	09/10/97	190.50	N1	ND	.58	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0066-08	09/10/97	190.50	N1	ND	.68	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0066-08	09/10/97	190.50	N1	ND	.49	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0066-08	09/10/97	190.50	N1	ND	.52	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	2-HEXANONE	90MW0066-08	09/10/97	190.50	N1	ND	3.9	5	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	BENZENE	90MW0066-08	09/10/97	190.50	N1	ND	.69	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0066-08	09/10/97	190.50	N1	ND	.57	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0066-08	09/10/97	190.50	N1	ND	.6	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	BROMOFORM	90MW0066-08	09/10/97	190.50	N1	ND	.4	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	BROMOMETHANE	90MW0066-08	09/10/97	190.50	N1	ND	.82	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0066-08	09/10/97	190.50	N1	ND	.62	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0066-08	09/10/97	190.50	N1	ND	.64	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	CHLOROBENZENE	90MW0066-08	09/10/97	190.50	N1	ND	.4	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	CHLOROETHANE	90MW0066-08	09/10/97	190.50	N1	ND	.71	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	CHLOROFORM	90MW0066-08	09/10/97	190.50	N1	ND	.6	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	CHLOROMETHANE	90MW0066-08	09/10/97	190.50	N1	ND	.67	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0066-08	09/10/97	190.50	N1	ND	.58	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0066-08	09/10/97	190.50	N1	ND	.58	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0066-08	09/10/97	190.50	N1	ND	.55	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	ETHYLBENZENE	90MW0066-08	09/10/97	190.50	N1	ND	.5	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0066-08	09/10/97	190.50	N1	ND	3.6	5	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0066-08	09/10/97	190.50	N1	ND	.65	2	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	STYRENE	90MW0066-08	09/10/97	190.50	N1	ND	.48	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0066	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0066-08	09/10/97	190.50	N1	ND	.67	2	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0066-08	09/10/97	190.50	N1	ND	.41	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	TOLUENE	90MW0066-08	09/10/97	190.50	N1	ND	.5	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0066-08	09/10/97	190.50	N1	ND	.57	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0066-08	09/10/97	190.50	N1	ND	.57	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0066-08	09/10/97	190.50	N1	ND	.62	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0066-08	09/10/97	190.50	N1	ND	.61	1	UG/L	U		JEGO
90MW0066	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0066-08	09/10/97	190.50	N1	ND	.5	1	UG/L	U		JEGO
90MW0066A	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0066A-01	09/10/97	140.50	N1	.18	.006	.01	UG/L			JEGO
90MW0066A	WG	E160.2	NONE	SUSPENDED SOLIDS (RESIDUE, NON-F	90MW0066A-01	09/10/97	140.50	N1	ND	3.6	5	MG/L	U		JEGO
90MW0066A	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	ND	50	254	UG/L	U	2H	JEGO
90MW0066A	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	ND	3.3	13	UG/L	U	2H	JEGO
90MW0066A	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	ND	1.7	5	UG/L	U		JEGO
90MW0066A	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	ND	2	20	UG/L	U	2H	JEGO
90MW0066A	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	ND	.2	1	UG/L	U		JEGO
90MW0066A	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	ND	.3	1	UG/L	U		JEGO
90MW0066A	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	1480	15.6	500	UG/L			JEGO
90MW0066A	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	ND	1.9	5	UG/L	U	2H	JEGO
90MW0066A	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	ND	2.8	5	UG/L	U	2H	JEGO
90MW0066A	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	ND	.8	5	UG/L	UJ	Z	JEGO
90MW0066A	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	ND	83.4	105	UG/L	U	2H	JEGO
90MW0066A	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	ND	1.1	2	UG/L	U		JEGO
90MW0066A	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	877	23	500	UG/L			JEGO
90MW0066A	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	3.9	.3	10	UG/L	J	T	JEGO
90MW0066A	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	1.7	.9	20	UG/L	J	T	JEGO
90MW0066A	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	ND	393	750	UG/L	U		JEGO
90MW0066A	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	ND	2.4	3	UG/L	UJ	Z	JEGO
90MW0066A	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	ND	.4	10	UG/L	U		JEGO
90MW0066A	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	6440	23.9	500	UG/L			JEGO
90MW0066A	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	ND	7	33.5	UG/L	U	2H	JEGO
90MW0066A	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	ND	.8	10	UG/L	U	2H	JEGO
90MW0066A	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	26.1	1.3	5	UG/L			JEGO
90MW0066A	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0066A-01	09/10/97	140.50	N1	ND	.2	.2	UG/L	UJ	Z	JEGO
90MW0066A	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0066A-01	09/10/97	140.50	N1	ND	.71	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0066A-01	09/10/97	140.50	N1	ND	.6	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0066A-01	09/10/97	140.50	N1	ND	.59	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0066A-01	09/10/97	140.50	N1	ND	.64	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0066A-01	09/10/97	140.50	N1	ND	.69	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0066A-01	09/10/97	140.50	N1	ND	.76	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0066A-01	09/10/97	140.50	N1	ND	.53	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0066A-01	09/10/97	140.50	N1	ND	.49	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0066A-01	09/10/97	140.50	N1	ND	.58	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0066A-01	09/10/97	140.50	N1	ND	.68	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0066A	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0066A-01	09/10/97	140.50	N1	ND	.49	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0066A-01	09/10/97	140.50	N1	ND	.52	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	2-HEXANONE	90MW0066A-01	09/10/97	140.50	N1	ND	3.9	5	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	BENZENE	90MW0066A-01	09/10/97	140.50	N1	ND	.69	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0066A-01	09/10/97	140.50	N1	ND	.57	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0066A-01	09/10/97	140.50	N1	ND	.6	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	BROMOFORM	90MW0066A-01	09/10/97	140.50	N1	ND	.4	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	BROMOMETHANE	90MW0066A-01	09/10/97	140.50	N1	ND	.82	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0066A-01	09/10/97	140.50	N1	ND	.62	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0066A-01	09/10/97	140.50	N1	ND	.64	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	CHLOROBENZENE	90MW0066A-01	09/10/97	140.50	N1	ND	.4	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	CHLOROETHANE	90MW0066A-01	09/10/97	140.50	N1	ND	.71	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	CHLOROFORM	90MW0066A-01	09/10/97	140.50	N1	1.2	.6	1	UG/L			JEGO
90MW0066A	WG	CVOL	METHOD	CHLOROMETHANE	90MW0066A-01	09/10/97	140.50	N1	ND	.67	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0066A-01	09/10/97	140.50	N1	ND	.58	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0066A-01	09/10/97	140.50	N1	ND	.58	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0066A-01	09/10/97	140.50	N1	ND	.55	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	ETHYLBENZENE	90MW0066A-01	09/10/97	140.50	N1	ND	.5	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0066A-01	09/10/97	140.50	N1	ND	3.6	5	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0066A-01	09/10/97	140.50	N1	ND	.65	2	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	STYRENE	90MW0066A-01	09/10/97	140.50	N1	ND	.48	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0066A-01	09/10/97	140.50	N1	ND	.67	2	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0066A-01	09/10/97	140.50	N1	ND	.41	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	TOLUENE	90MW0066A-01	09/10/97	140.50	N1	ND	.5	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0066A-01	09/10/97	140.50	N1	ND	.57	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0066A-01	09/10/97	140.50	N1	ND	.57	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0066A-01	09/10/97	140.50	N1	ND	.62	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0066A-01	09/10/97	140.50	N1	ND	.61	1	UG/L	U		JEGO
90MW0066A	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0066A-01	09/10/97	140.50	N1	ND	.5	1	UG/L	U		JEGO
90MW0068	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0068-13	09/12/97	0.00	N1	ND	.006	.01	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0068-13	09/12/97	0.00	N1	ND	.71	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0068-13	09/12/97	0.00	N1	ND	.6	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0068-13	09/12/97	0.00	N1	ND	.59	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0068-13	09/12/97	0.00	N1	ND	.64	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0068-13	09/12/97	0.00	N1	ND	.69	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0068-13	09/12/97	0.00	N1	ND	.76	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0068-13	09/12/97	0.00	N1	ND	.53	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0068-13	09/12/97	0.00	N1	ND	.49	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0068-13	09/12/97	0.00	N1	ND	.58	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0068-13	09/12/97	0.00	N1	ND	.68	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0068-13	09/12/97	0.00	N1	ND	.49	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0068-13	09/12/97	0.00	N1	ND	.52	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	2-HEXANONE	90MW0068-13	09/12/97	0.00	N1	ND	3.9	5	UG/L	UJ	QS	JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0068	WG	CVOL	METHOD	BENZENE	90MW0068-13	09/12/97	0.00	N1	ND	.69	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0068-13	09/12/97	0.00	N1	ND	.57	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0068-13	09/12/97	0.00	N1	ND	.6	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	BROMOFORM	90MW0068-13	09/12/97	0.00	N1	ND	.4	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	BROMOMETHANE	90MW0068-13	09/12/97	0.00	N1	ND	.82	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0068-13	09/12/97	0.00	N1	ND	.62	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0068-13	09/12/97	0.00	N1	ND	.64	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	CHLOROBENZENE	90MW0068-13	09/12/97	0.00	N1	ND	.4	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	CHLOROETHANE	90MW0068-13	09/12/97	0.00	N1	ND	.71	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	CHLOROFORM	90MW0068-13	09/12/97	0.00	N1	1.1	.6	1	UG/L			JEGO
90MW0068	WG	CVOL	METHOD	CHLOROMETHANE	90MW0068-13	09/12/97	0.00	N1	ND	.67	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0068-13	09/12/97	0.00	N1	ND	.58	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0068-13	09/12/97	0.00	N1	ND	.58	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0068-13	09/12/97	0.00	N1	ND	.55	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	ETHYLBENZENE	90MW0068-13	09/12/97	0.00	N1	ND	.5	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0068-13	09/12/97	0.00	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90MW0068	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0068-13	09/12/97	0.00	N1	ND	.65	2	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	STYRENE	90MW0068-13	09/12/97	0.00	N1	ND	.48	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0068-13	09/12/97	0.00	N1	ND	.67	2	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0068-13	09/12/97	0.00	N1	ND	.41	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	TOLUENE	90MW0068-13	09/12/97	0.00	N1	ND	.5	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0068-13	09/12/97	0.00	N1	ND	.57	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0068-13	09/12/97	0.00	N1	ND	.57	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0068-13	09/12/97	0.00	N1	ND	.62	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0068-13	09/12/97	0.00	N1	ND	.61	1	UG/L	U		JEGO
90MW0068	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0068-13	09/12/97	0.00	N1	ND	.5	1	UG/L	U		JEGO
90MW0070	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0070-15	09/15/97	131.90	N1	ND	.006	.01	UG/L	U		JEGO
90MW0070	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0070-15	09/15/97	131.90	N1	ND	33	254	UG/L	U	2H	JEGO
90MW0070	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0070-15	09/15/97	131.90	N1	ND	2.5	8.5	UG/L	U	2H	JEGO
90MW0070	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0070-15	09/15/97	131.90	N1	ND	1.7	5	UG/L	U		JEGO
90MW0070	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0070-15	09/15/97	131.90	N1	5	.2	20	UG/L	J	T	JEGO
90MW0070	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0070-15	09/15/97	131.90	N1	ND	.33	3.5	UG/L	U	2H	JEGO
90MW0070	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0070-15	09/15/97	131.90	N1	ND	.3	1	UG/L	U		JEGO
90MW0070	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0070-15	09/15/97	131.90	N1	3070	15.6	500	UG/L			JEGO
90MW0070	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0070-15	09/15/97	131.90	N1	ND	2.5	5	UG/L	UJ	2Z	JEGO
90MW0070	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0070-15	09/15/97	131.90	N1	ND	3.3	5	UG/L	U	2H	JEGO
90MW0070	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0070-15	09/15/97	131.90	N1	ND	.8	5	UG/L	UJ	Z	JEGO
90MW0070	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0070-15	09/15/97	131.90	N1	ND	58.1	105	UG/L	U	2H	JEGO
90MW0070	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0070-15	09/15/97	131.90	N1	6.1	1.1	2	UG/L			JEGO
90MW0070	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0070-15	09/15/97	131.90	N1	1320	23	500	UG/L			JEGO
90MW0070	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0070-15	09/15/97	131.90	N1	219	.3	10	UG/L			JEGO
90MW0070	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0070-15	09/15/97	131.90	N1	6.4	.9	20	UG/L	J	T	JEGO
90MW0070	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0070-15	09/15/97	131.90	N1	1040	393	750	UG/L			JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0070	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0070-15	09/15/97	131.90	N1	ND	2.4	3	UG/L	UJ	Z	JEGO
90MW0070	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0070-15	09/15/97	131.90	N1	ND	.4	10	UG/L	U		JEGO
90MW0070	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0070-15	09/15/97	131.90	N1	6510	23.9	500	UG/L			JEGO
90MW0070	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0070-15	09/15/97	131.90	N1	ND	4.6	33.5	UG/L	U	ZH	JEGO
90MW0070	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0070-15	09/15/97	131.90	N1	ND	.5	10	UG/L	U		JEGO
90MW0070	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0070-15	09/15/97	131.90	N1	49.6	1.3	5	UG/L			JEGO
90MW0070	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0070-15	09/15/97	131.90	N1	ND	.2	.2	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0070-15	09/15/97	131.90	N1	ND	.71	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0070-15	09/15/97	131.90	N1	ND	.6	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0070-15	09/15/97	131.90	N1	ND	.59	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0070-15	09/15/97	131.90	N1	ND	.64	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0070-15	09/15/97	131.90	N1	ND	.69	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0070-15	09/15/97	131.90	N1	ND	.76	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0070-15	09/15/97	131.90	N1	ND	.53	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0070-15	09/15/97	131.90	N1	ND	.49	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0070-15	09/15/97	131.90	N1	ND	.58	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0070-15	09/15/97	131.90	N1	ND	.68	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0070-15	09/15/97	131.90	N1	ND	.49	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0070-15	09/15/97	131.90	N1	ND	.52	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	2-HEXANONE	90MW0070-15	09/15/97	131.90	N1	ND	3.9	5	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	BENZENE	90MW0070-15	09/15/97	131.90	N1	ND	.69	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0070-15	09/15/97	131.90	N1	ND	.57	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0070-15	09/15/97	131.90	N1	ND	.6	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	BROMOFORM	90MW0070-15	09/15/97	131.90	N1	ND	.4	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	BROMOMETHANE	90MW0070-15	09/15/97	131.90	N1	ND	.82	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0070-15	09/15/97	131.90	N1	ND	.62	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0070-15	09/15/97	131.90	N1	ND	.64	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	CHLOROBENZENE	90MW0070-15	09/15/97	131.90	N1	ND	.4	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	CHLOROETHANE	90MW0070-15	09/15/97	131.90	N1	ND	.71	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	CHLOROFORM	90MW0070-15	09/15/97	131.90	N1	.73	.6	1	UG/L	J	T	JEGO
90MW0070	WG	CVOL	METHOD	CHLOROMETHANE	90MW0070-15	09/15/97	131.90	N1	ND	.67	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0070-15	09/15/97	131.90	N1	ND	.58	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0070-15	09/15/97	131.90	N1	ND	.58	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0070-15	09/15/97	131.90	N1	ND	.55	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	ETHYLBENZENE	90MW0070-15	09/15/97	131.90	N1	ND	.5	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0070-15	09/15/97	131.90	N1	ND	3.6	5	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0070-15	09/15/97	131.90	N1	ND	.65	2	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	STYRENE	90MW0070-15	09/15/97	131.90	N1	ND	.48	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0070-15	09/15/97	131.90	N1	ND	.67	2	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0070-15	09/15/97	131.90	N1	ND	.41	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	TOLUENE	90MW0070-15	09/15/97	131.90	N1	ND	.5	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0070-15	09/15/97	131.90	N1	ND	.57	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0070-15	09/15/97	131.90	N1	ND	.57	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0070	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0070-15	09/15/97	131.90	N1	ND	.62	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0070-15	09/15/97	131.90	N1	ND	.61	1	UG/L	U		JEGO
90MW0070	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0070-15	09/15/97	131.90	N1	ND	.5	1	UG/L	U		JEGO
90MW0076	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0076-01	09/12/97	157.88	N1	ND	.006	.01	UG/L	U		JEGO
90MW0076	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0076-01	09/12/97	157.88	N1	ND	36.6	254	UG/L	U	2	JEGO
90MW0076	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0076-01	09/12/97	157.88	N1	1.8	1.2	5	UG/L	J	T	JEGO
90MW0076	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0076-01	09/12/97	157.88	N1	ND	1.7	5	UG/L	U		JEGO
90MW0076	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0076-01	09/12/97	157.88	N1	3.4	.2	20	UG/L	J	T	JEGO
90MW0076	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0076-01	09/12/97	157.88	N1	ND	.2	1	UG/L	U		JEGO
90MW0076	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0076-01	09/12/97	157.88	N1	ND	.3	1	UG/L	U		JEGO
90MW0076	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0076-01	09/12/97	157.88	N1	1480	15.6	500	UG/L			JEGO
90MW0076	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0076-01	09/12/97	157.88	N1	9.2	.4	5	UG/L			JEGO
90MW0076	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0076-01	09/12/97	157.88	N1	ND	.52	5	UG/L	U	2	JEGO
90MW0076	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0076-01	09/12/97	157.88	N1	ND	.8	5	UG/L	UJ	ZL	JEGO
90MW0076	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0076-01	09/12/97	157.88	N1	71.7	8.1	100	UG/L	J	T	JEGO
90MW0076	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0076-01	09/12/97	157.88	N1	ND	1.1	2	UG/L	U		JEGO
90MW0076	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0076-01	09/12/97	157.88	N1	978	23	500	UG/L			JEGO
90MW0076	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0076-01	09/12/97	157.88	N1	3.9	.3	10	UG/L	J	T	JEGO
90MW0076	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0076-01	09/12/97	157.88	N1	5.7	.9	20	UG/L	J	T	JEGO
90MW0076	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0076-01	09/12/97	157.88	N1	ND	393	750	UG/L	U		JEGO
90MW0076	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0076-01	09/12/97	157.88	N1	ND	2.4	3	UG/L	UJ	ZL	JEGO
90MW0076	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0076-01	09/12/97	157.88	N1	ND	.4	10	UG/L	U		JEGO
90MW0076	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0076-01	09/12/97	157.88	N1	5670	23.9	500	UG/L			JEGO
90MW0076	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0076-01	09/12/97	157.88	N1	ND	4.7	33.5	UG/L	U	ZH	JEGO
90MW0076	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0076-01	09/12/97	157.88	N1	ND	.5	10	UG/L	U		JEGO
90MW0076	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0076-01	09/12/97	157.88	N1	24	1.3	5	UG/L			JEGO
90MW0076	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0076-01	09/12/97	157.88	N1	ND	.2	.2	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0076-01	09/12/97	157.88	N1	ND	.71	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0076-01	09/12/97	157.88	N1	ND	.6	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0076-01	09/12/97	157.88	N1	ND	.59	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0076-01	09/12/97	157.88	N1	ND	.64	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0076-01	09/12/97	157.88	N1	ND	.69	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0076-01	09/12/97	157.88	N1	ND	.76	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0076-01	09/12/97	157.88	N1	ND	.53	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0076-01	09/12/97	157.88	N1	ND	.49	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0076-01	09/12/97	157.88	N1	ND	.58	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0076-01	09/12/97	157.88	N1	ND	.68	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0076-01	09/12/97	157.88	N1	ND	.49	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0076-01	09/12/97	157.88	N1	ND	.52	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	2-HEXANONE	90MW0076-01	09/12/97	157.88	N1	ND	3.9	5	UG/L	UJ	QS	JEGO
90MW0076	WG	CVOL	METHOD	BENZENE	90MW0076-01	09/12/97	157.88	N1	ND	.69	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0076-01	09/12/97	157.88	N1	ND	.57	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0076-01	09/12/97	157.88	N1	ND	.6	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0076	WG	CVOL	METHOD	BROMOFORM	90MW0076-01	09/12/97	157.88	N1	ND	.4	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	BROMOMETHANE	90MW0076-01	09/12/97	157.88	N1	ND	.82	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0076-01	09/12/97	157.88	N1	ND	.62	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0076-01	09/12/97	157.88	N1	ND	.64	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	CHLOROBENZENE	90MW0076-01	09/12/97	157.88	N1	ND	.4	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	CHLOROETHANE	90MW0076-01	09/12/97	157.88	N1	ND	.71	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	CHLOROFORM	90MW0076-01	09/12/97	157.88	N1	2.3	.6	1	UG/L			JEGO
90MW0076	WG	CVOL	METHOD	CHLOROMETHANE	90MW0076-01	09/12/97	157.88	N1	ND	.67	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0076-01	09/12/97	157.88	N1	ND	.58	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0076-01	09/12/97	157.88	N1	ND	.58	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0076-01	09/12/97	157.88	N1	ND	.55	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	ETHYLBENZENE	90MW0076-01	09/12/97	157.88	N1	ND	.5	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0076-01	09/12/97	157.88	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90MW0076	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0076-01	09/12/97	157.88	N1	ND	.65	2	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	STYRENE	90MW0076-01	09/12/97	157.88	N1	ND	.48	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0076-01	09/12/97	157.88	N1	ND	.67	2	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0076-01	09/12/97	157.88	N1	ND	.41	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	TOLUENE	90MW0076-01	09/12/97	157.88	N1	ND	.5	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0076-01	09/12/97	157.88	N1	ND	.57	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0076-01	09/12/97	157.88	N1	ND	.57	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0076-01	09/12/97	157.88	N1	ND	.62	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0076-01	09/12/97	157.88	N1	ND	.61	1	UG/L	U		JEGO
90MW0076	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0076-01	09/12/97	157.88	N1	ND	.5	1	UG/L	U		JEGO
90MW0077	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0077-01	09/12/97	150.70	N1	ND	.006	.01	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0077-01	09/12/97	150.70	N1	ND	.71	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0077-01	09/12/97	150.70	N1	ND	.6	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0077-01	09/12/97	150.70	N1	ND	.59	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0077-01	09/12/97	150.70	N1	ND	.64	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0077-01	09/12/97	150.70	N1	ND	.69	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0077-01	09/12/97	150.70	N1	ND	.76	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0077-01	09/12/97	150.70	N1	ND	.53	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0077-01	09/12/97	150.70	N1	ND	.49	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0077-01	09/12/97	150.70	N1	ND	.58	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0077-01	09/12/97	150.70	N1	ND	.68	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0077-01	09/12/97	150.70	N1	ND	.49	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0077-01	09/12/97	150.70	N1	ND	.52	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	2-HEXANONE	90MW0077-01	09/12/97	150.70	N1	ND	3.9	5	UG/L	UJ	QS	JEGO
90MW0077	WG	CVOL	METHOD	BENZENE	90MW0077-01	09/12/97	150.70	N1	ND	.69	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0077-01	09/12/97	150.70	N1	ND	.57	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0077-01	09/12/97	150.70	N1	ND	.6	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	BROMOFORM	90MW0077-01	09/12/97	150.70	N1	ND	.4	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	BROMOMETHANE	90MW0077-01	09/12/97	150.70	N1	ND	.82	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0077-01	09/12/97	150.70	N1	ND	.62	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0077	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0077-01	09/12/97	150.70	N1	ND	.64	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	CHLOROBENZENE	90MW0077-01	09/12/97	150.70	N1	ND	.4	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	CHLOROETHANE	90MW0077-01	09/12/97	150.70	N1	ND	.71	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	CHLOROFORM	90MW0077-01	09/12/97	150.70	N1	1.1	.6	1	UG/L			JEGO
90MW0077	WG	CVOL	METHOD	CHLOROMETHANE	90MW0077-01	09/12/97	150.70	N1	ND	.67	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0077-01	09/12/97	150.70	N1	ND	.58	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0077-01	09/12/97	150.70	N1	ND	.58	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0077-01	09/12/97	150.70	N1	ND	.55	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	ETHYLBENZENE	90MW0077-01	09/12/97	150.70	N1	ND	.5	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0077-01	09/12/97	150.70	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90MW0077	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0077-01	09/12/97	150.70	N1	ND	.65	2	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	STYRENE	90MW0077-01	09/12/97	150.70	N1	ND	.48	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0077-01	09/12/97	150.70	N1	ND	.67	2	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0077-01	09/12/97	150.70	N1	ND	.41	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	TOLUENE	90MW0077-01	09/12/97	150.70	N1	ND	.5	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0077-01	09/12/97	150.70	N1	ND	.57	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0077-01	09/12/97	150.70	N1	ND	.57	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0077-01	09/12/97	150.70	N1	ND	.62	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0077-01	09/12/97	150.70	N1	ND	.61	1	UG/L	U		JEGO
90MW0077	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0077-01	09/12/97	150.70	N1	ND	.5	1	UG/L	U		JEGO
90MW0078	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0078-01	09/10/97	150.00	N1	ND	.006	.01	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0078-01	09/10/97	150.00	N1	ND	.71	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0078-01	09/10/97	150.00	N1	ND	.6	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0078-01	09/10/97	150.00	N1	ND	.59	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0078-01	09/10/97	150.00	N1	ND	.64	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0078-01	09/10/97	150.00	N1	ND	.69	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0078-01	09/10/97	150.00	N1	ND	.76	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0078-01	09/10/97	150.00	N1	ND	.53	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0078-01	09/10/97	150.00	N1	ND	.49	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0078-01	09/10/97	150.00	N1	ND	.58	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0078-01	09/10/97	150.00	N1	ND	.68	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0078-01	09/10/97	150.00	N1	ND	.49	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0078-01	09/10/97	150.00	N1	ND	.52	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	2-HEXANONE	90MW0078-01	09/10/97	150.00	N1	ND	3.9	5	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	BENZENE	90MW0078-01	09/10/97	150.00	N1	ND	.69	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0078-01	09/10/97	150.00	N1	ND	.57	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0078-01	09/10/97	150.00	N1	ND	.6	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	BROMOFORM	90MW0078-01	09/10/97	150.00	N1	ND	.4	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	BROMOMETHANE	90MW0078-01	09/10/97	150.00	N1	ND	.82	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0078-01	09/10/97	150.00	N1	ND	.62	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0078-01	09/10/97	150.00	N1	ND	.64	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	CHLOROBENZENE	90MW0078-01	09/10/97	150.00	N1	ND	.4	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	CHLOROETHANE	90MW0078-01	09/10/97	150.00	N1	ND	.71	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0078	WG	CVOL	METHOD	CHLOROFORM	90MW0078-01	09/10/97	150.00	N1	1.2	.6	1	UG/L			JEGO
90MW0078	WG	CVOL	METHOD	CHLOROMETHANE	90MW0078-01	09/10/97	150.00	N1	ND	.67	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0078-01	09/10/97	150.00	N1	ND	.58	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0078-01	09/10/97	150.00	N1	ND	.58	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0078-01	09/10/97	150.00	N1	ND	.55	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	ETHYLBENZENE	90MW0078-01	09/10/97	150.00	N1	ND	.5	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0078-01	09/10/97	150.00	N1	ND	3.6	5	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0078-01	09/10/97	150.00	N1	ND	.65	2	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	STYRENE	90MW0078-01	09/10/97	150.00	N1	ND	.48	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0078-01	09/10/97	150.00	N1	ND	.67	2	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0078-01	09/10/97	150.00	N1	ND	.41	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	TOLUENE	90MW0078-01	09/10/97	150.00	N1	ND	.5	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0078-01	09/10/97	150.00	N1	ND	.57	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0078-01	09/10/97	150.00	N1	ND	.57	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0078-01	09/10/97	150.00	N1	ND	.62	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0078-01	09/10/97	150.00	N1	ND	.61	1	UG/L	U		JEGO
90MW0078	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0078-01	09/10/97	150.00	N1	ND	.5	1	UG/L	U		JEGO
90MW0079A	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0079A-01	09/10/97	150.80	N1	ND	.006	.01	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0079A-01	09/10/97	150.80	N1	ND	.71	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0079A-01	09/10/97	150.80	N1	ND	.6	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0079A-01	09/10/97	150.80	N1	ND	.59	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0079A-01	09/10/97	150.80	N1	ND	.64	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0079A-01	09/10/97	150.80	N1	ND	.69	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0079A-01	09/10/97	150.80	N1	ND	.76	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0079A-01	09/10/97	150.80	N1	ND	.53	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0079A-01	09/10/97	150.80	N1	ND	.49	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0079A-01	09/10/97	150.80	N1	ND	.58	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0079A-01	09/10/97	150.80	N1	ND	.68	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0079A-01	09/10/97	150.80	N1	ND	.49	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0079A-01	09/10/97	150.80	N1	ND	.52	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	2-HEXANONE	90MW0079A-01	09/10/97	150.80	N1	ND	3.9	5	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	BENZENE	90MW0079A-01	09/10/97	150.80	N1	ND	.69	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0079A-01	09/10/97	150.80	N1	ND	.57	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0079A-01	09/10/97	150.80	N1	ND	.6	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	BROMOFORM	90MW0079A-01	09/10/97	150.80	N1	ND	.4	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	BROMOMETHANE	90MW0079A-01	09/10/97	150.80	N1	ND	.82	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0079A-01	09/10/97	150.80	N1	ND	.62	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0079A-01	09/10/97	150.80	N1	ND	.64	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	CHLOROBENZENE	90MW0079A-01	09/10/97	150.80	N1	ND	.4	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	CHLOROETHANE	90MW0079A-01	09/10/97	150.80	N1	ND	.71	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	CHLOROFORM	90MW0079A-01	09/10/97	150.80	N1	1.8	.6	1	UG/L			JEGO
90MW0079A	WG	CVOL	METHOD	CHLOROMETHANE	90MW0079A-01	09/10/97	150.80	N1	ND	.67	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0079A-01	09/10/97	150.80	N1	ND	.58	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0079A	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0079A-01	09/10/97	150.80	N1	ND	.58	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0079A-01	09/10/97	150.80	N1	ND	.55	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	ETHYLBENZENE	90MW0079A-01	09/10/97	150.80	N1	ND	.5	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0079A-01	09/10/97	150.80	N1	ND	3.6	5	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0079A-01	09/10/97	150.80	N1	ND	.65	2	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	STYRENE	90MW0079A-01	09/10/97	150.80	N1	ND	.48	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0079A-01	09/10/97	150.80	N1	ND	.67	2	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0079A-01	09/10/97	150.80	N1	ND	.41	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	TOLUENE	90MW0079A-01	09/10/97	150.80	N1	ND	.5	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0079A-01	09/10/97	150.80	N1	ND	.57	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0079A-01	09/10/97	150.80	N1	ND	.57	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0079A-01	09/10/97	150.80	N1	ND	.62	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0079A-01	09/10/97	150.80	N1	ND	.61	1	UG/L	U		JEGO
90MW0079A	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0079A-01	09/10/97	150.80	N1	ND	.5	1	UG/L	U		JEGO
90MW0079B	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0079B-01	09/10/97	191.20	N1	.4	.006	.01	UG/L			JEGO
90MW0079B	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0079B-01	09/10/97	191.20	N1	ND	.71	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0079B-01	09/10/97	191.20	N1	ND	.6	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0079B-01	09/10/97	191.20	N1	ND	.59	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0079B-01	09/10/97	191.20	N1	ND	.64	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0079B-01	09/10/97	191.20	N1	ND	.69	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0079B-01	09/10/97	191.20	N1	ND	.76	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0079B-01	09/10/97	191.20	N1	ND	.53	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0079B-01	09/10/97	191.20	N1	ND	.49	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0079B-01	09/10/97	191.20	N1	ND	.58	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0079B-01	09/10/97	191.20	N1	ND	.68	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0079B-01	09/10/97	191.20	N1	ND	.49	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0079B-01	09/10/97	191.20	N1	ND	.52	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	2-HEXANONE	90MW0079B-01	09/10/97	191.20	N1	ND	3.9	5	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	BENZENE	90MW0079B-01	09/10/97	191.20	N1	ND	.69	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0079B-01	09/10/97	191.20	N1	ND	.57	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0079B-01	09/10/97	191.20	N1	ND	.6	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	BROMOFORM	90MW0079B-01	09/10/97	191.20	N1	ND	.4	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	BROMOMETHANE	90MW0079B-01	09/10/97	191.20	N1	ND	.82	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0079B-01	09/10/97	191.20	N1	ND	.62	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0079B-01	09/10/97	191.20	N1	ND	.64	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	CHLOROBENZENE	90MW0079B-01	09/10/97	191.20	N1	ND	.4	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	CHLOROETHANE	90MW0079B-01	09/10/97	191.20	N1	ND	.71	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	CHLOROFORM	90MW0079B-01	09/10/97	191.20	N1	1.3	.6	1	UG/L			JEGO
90MW0079B	WG	CVOL	METHOD	CHLOROMETHANE	90MW0079B-01	09/10/97	191.20	N1	ND	.67	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0079B-01	09/10/97	191.20	N1	ND	.58	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0079B-01	09/10/97	191.20	N1	ND	.58	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0079B-01	09/10/97	191.20	N1	ND	.55	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	ETHYLBENZENE	90MW0079B-01	09/10/97	191.20	N1	ND	.5	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0079B	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0079B-01	09/10/97	191.20	N1	ND	3.6	5	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0079B-01	09/10/97	191.20	N1	ND	.65	2	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	STYRENE	90MW0079B-01	09/10/97	191.20	N1	ND	.48	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0079B-01	09/10/97	191.20	N1	ND	.67	2	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0079B-01	09/10/97	191.20	N1	ND	.41	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	TOLUENE	90MW0079B-01	09/10/97	191.20	N1	ND	.5	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0079B-01	09/10/97	191.20	N1	ND	.57	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0079B-01	09/10/97	191.20	N1	ND	.57	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0079B-01	09/10/97	191.20	N1	ND	.62	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0079B-01	09/10/97	191.20	N1	ND	.61	1	UG/L	U		JEGO
90MW0079B	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0079B-01	09/10/97	191.20	N1	ND	.5	1	UG/L	U		JEGO
90MW0080	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0080-01	09/08/97	144.00	N1	ND	.006	.01	UG/L	U		JEGO
90MW0080	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0080-01	09/08/97	144.00	N1	ND	16.6	100	UG/L	U		JEGO
90MW0080	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0080-01	09/08/97	144.00	N1	ND	1.2	5	UG/L	U		JEGO
90MW0080	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0080-01	09/08/97	144.00	N1	ND	1.7	5	UG/L	U		JEGO
90MW0080	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0080-01	09/08/97	144.00	N1	3.5	.2	20	UG/L	J	T	JEGO
90MW0080	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0080-01	09/08/97	144.00	N1	ND	.2	1	UG/L	U		JEGO
90MW0080	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0080-01	09/08/97	144.00	N1	ND	.3	1	UG/L	U		JEGO
90MW0080	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0080-01	09/08/97	144.00	N1	3040	15.6	500	UG/L			JEGO
90MW0080	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0080-01	09/08/97	144.00	N1	ND	.4	5	UG/L	UJ	Z	JEGO
90MW0080	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0080-01	09/08/97	144.00	N1	3.9	.3	5	UG/L	J	T	JEGO
90MW0080	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0080-01	09/08/97	144.00	N1	ND	.8	5	UG/L	UJ	Z	JEGO
90MW0080	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0080-01	09/08/97	144.00	N1	ND	19.4	100	UG/L	U	2H	JEGO
90MW0080	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0080-01	09/08/97	144.00	N1	2.1	1.1	2	UG/L			JEGO
90MW0080	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0080-01	09/08/97	144.00	N1	1390	23	500	UG/L			JEGO
90MW0080	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0080-01	09/08/97	144.00	N1	ND	1.4	10	UG/L	U	2H	JEGO
90MW0080	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0080-01	09/08/97	144.00	N1	ND	.9	20	UG/L	UJ	Z	JEGO
90MW0080	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0080-01	09/08/97	144.00	N1	ND	393	750	UG/L	UJ	Z	JEGO
90MW0080	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0080-01	09/08/97	144.00	N1	ND	2.4	3	UG/L	U		JEGO
90MW0080	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0080-01	09/08/97	144.00	N1	ND	.4	10	UG/L	U		JEGO
90MW0080	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0080-01	09/08/97	144.00	N1	6440	23.9	500	UG/L			JEGO
90MW0080	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0080-01	09/08/97	144.00	N1	ND	3	10	UG/L	U		JEGO
90MW0080	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0080-01	09/08/97	144.00	N1	ND	.5	10	UG/L	U		JEGO
90MW0080	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0080-01	09/08/97	144.00	N1	23.4	1.3	5	UG/L			JEGO
90MW0080	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0080-01	09/08/97	144.00	N1	ND	.2	.2	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0080-01	09/08/97	144.00	N1	ND	.71	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0080-01	09/08/97	144.00	N1	ND	.6	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0080-01	09/08/97	144.00	N1	ND	.59	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0080-01	09/08/97	144.00	N1	ND	.64	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0080-01	09/08/97	144.00	N1	ND	.69	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0080-01	09/08/97	144.00	N1	ND	.76	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0080-01	09/08/97	144.00	N1	ND	.53	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0080-01	09/08/97	144.00	N1	ND	.49	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0080	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0080-01	09/08/97	144.00	N1	ND	.58	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0080-01	09/08/97	144.00	N1	ND	.68	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0080-01	09/08/97	144.00	N1	ND	.49	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0080-01	09/08/97	144.00	N1	ND	.52	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	2-HEXANONE	90MW0080-01	09/08/97	144.00	N1	ND	3.9	5	UG/L	UJ	QS	JEGO
90MW0080	WG	CVOL	METHOD	BENZENE	90MW0080-01	09/08/97	144.00	N1	ND	.69	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0080-01	09/08/97	144.00	N1	ND	.57	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0080-01	09/08/97	144.00	N1	ND	.6	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	BROMOFORM	90MW0080-01	09/08/97	144.00	N1	ND	.4	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	BROMOMETHANE	90MW0080-01	09/08/97	144.00	N1	ND	.82	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0080-01	09/08/97	144.00	N1	ND	.62	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0080-01	09/08/97	144.00	N1	ND	.64	1	UG/L	UJ	B	JEGO
90MW0080	WG	CVOL	METHOD	CHLOROBENZENE	90MW0080-01	09/08/97	144.00	N1	ND	.4	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	CHLOROETHANE	90MW0080-01	09/08/97	144.00	N1	ND	.71	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	CHLOROFORM	90MW0080-01	09/08/97	144.00	N1	ND	.6	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	CHLOROMETHANE	90MW0080-01	09/08/97	144.00	N1	ND	.67	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0080-01	09/08/97	144.00	N1	ND	.58	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0080-01	09/08/97	144.00	N1	ND	.58	1	UG/L	UJ	B	JEGO
90MW0080	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0080-01	09/08/97	144.00	N1	ND	.55	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	ETHYLBENZENE	90MW0080-01	09/08/97	144.00	N1	ND	.5	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0080-01	09/08/97	144.00	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90MW0080	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0080-01	09/08/97	144.00	N1	ND	.65	2	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	STYRENE	90MW0080-01	09/08/97	144.00	N1	ND	.48	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0080-01	09/08/97	144.00	N1	ND	.67	2	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0080-01	09/08/97	144.00	N1	ND	.41	1	UG/L	UJ	B	JEGO
90MW0080	WG	CVOL	METHOD	TOLUENE	90MW0080-01	09/08/97	144.00	N1	ND	.5	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0080-01	09/08/97	144.00	N1	ND	.57	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0080-01	09/08/97	144.00	N1	ND	.57	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0080-01	09/08/97	144.00	N1	ND	.62	1	UG/L	UJ	B	JEGO
90MW0080	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0080-01	09/08/97	144.00	N1	ND	.61	1	UG/L	U		JEGO
90MW0080	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0080-01	09/08/97	144.00	N1	ND	.5	1	UG/L	U		JEGO
90MW0081	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0081-01	09/10/97	111.09	N1	ND	.006	.01	UG/L	U		JEGO
90MW0081	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0081-01	09/10/97	111.09	N1	ND	69.9	254	UG/L	U	2H	JEGO
90MW0081	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0081-01	09/10/97	111.09	N1	ND	1.9	13	UG/L	U	2H	JEGO
90MW0081	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0081-01	09/10/97	111.09	N1	ND	1.7	5	UG/L	U		JEGO
90MW0081	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0081-01	09/10/97	111.09	N1	3.5	.2	20	UG/L	J	T	JEGO
90MW0081	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0081-01	09/10/97	111.09	N1	ND	.2	1	UG/L	U		JEGO
90MW0081	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0081-01	09/10/97	111.09	N1	1.9	.3	1	UG/L			JEGO
90MW0081	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0081-01	09/10/97	111.09	N1	2230	15.6	500	UG/L			JEGO
90MW0081	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0081-01	09/10/97	111.09	N1	ND	.83	5	UG/L	U	2H	JEGO
90MW0081	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0081-01	09/10/97	111.09	N1	ND	1.2	5	UG/L	U	2H	JEGO
90MW0081	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0081-01	09/10/97	111.09	N1	ND	.8	5	UG/L	UJ	Z	JEGO
90MW0081	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0081-01	09/10/97	111.09	N1	ND	35.2	105	UG/L	U	2H	JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0081	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0081-01	09/10/97	111.09	N1	ND	1.1	2	UG/L	U		JEGO
90MW0081	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0081-01	09/10/97	111.09	N1	1230	23	500	UG/L			JEGO
90MW0081	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0081-01	09/10/97	111.09	N1	6.3	.3	10	UG/L	J	T	JEGO
90MW0081	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0081-01	09/10/97	111.09	N1	.97	.9	20	UG/L	J	T	JEGO
90MW0081	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0081-01	09/10/97	111.09	N1	738	393	750	UG/L	J	T	JEGO
90MW0081	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0081-01	09/10/97	111.09	N1	ND	2.4	3	UG/L	UJ	Z	JEGO
90MW0081	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0081-01	09/10/97	111.09	N1	ND	.4	10	UG/L	U		JEGO
90MW0081	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0081-01	09/10/97	111.09	N1	6270	23.9	500	UG/L			JEGO
90MW0081	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0081-01	09/10/97	111.09	N1	ND	6.1	33.5	UG/L	U	2H	JEGO
90MW0081	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0081-01	09/10/97	111.09	N1	ND	.5	10	UG/L	U		JEGO
90MW0081	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0081-01	09/10/97	111.09	N1	39.8	1.3	5	UG/L			JEGO
90MW0081	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0081-01	09/10/97	111.09	N1	ND	.2	.2	UG/L	UJ	Z	JEGO
90MW0081	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0081-01	09/10/97	111.09	N1	ND	.71	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0081-01	09/10/97	111.09	N1	ND	.6	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0081-01	09/10/97	111.09	N1	ND	.59	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0081-01	09/10/97	111.09	N1	ND	.64	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0081-01	09/10/97	111.09	N1	ND	.69	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0081-01	09/10/97	111.09	N1	ND	.76	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0081-01	09/10/97	111.09	N1	ND	.53	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0081-01	09/10/97	111.09	N1	ND	.49	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0081-01	09/10/97	111.09	N1	ND	.58	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0081-01	09/10/97	111.09	N1	ND	.68	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0081-01	09/10/97	111.09	N1	ND	.49	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0081-01	09/10/97	111.09	N1	ND	.52	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	2-HEXANONE	90MW0081-01	09/10/97	111.09	N1	ND	3.9	5	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	BENZENE	90MW0081-01	09/10/97	111.09	N1	ND	.69	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0081-01	09/10/97	111.09	N1	ND	.57	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0081-01	09/10/97	111.09	N1	ND	.6	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	BROMOFORM	90MW0081-01	09/10/97	111.09	N1	ND	.4	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	BROMOMETHANE	90MW0081-01	09/10/97	111.09	N1	ND	.82	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0081-01	09/10/97	111.09	N1	ND	.62	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0081-01	09/10/97	111.09	N1	ND	.64	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	CHLOROBENZENE	90MW0081-01	09/10/97	111.09	N1	ND	.4	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	CHLOROETHANE	90MW0081-01	09/10/97	111.09	N1	ND	.71	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	CHLOROFORM	90MW0081-01	09/10/97	111.09	N1	1.2	.6	1	UG/L			JEGO
90MW0081	WG	CVOL	METHOD	CHLOROMETHANE	90MW0081-01	09/10/97	111.09	N1	ND	.67	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0081-01	09/10/97	111.09	N1	ND	.58	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0081-01	09/10/97	111.09	N1	ND	.58	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0081-01	09/10/97	111.09	N1	ND	.55	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	ETHYLBENZENE	90MW0081-01	09/10/97	111.09	N1	ND	.5	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0081-01	09/10/97	111.09	N1	ND	3.6	5	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0081-01	09/10/97	111.09	N1	ND	.65	2	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	STYRENE	90MW0081-01	09/10/97	111.09	N1	ND	.48	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0081	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0081-01	09/10/97	111.09	N1	ND	.67	2	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0081-01	09/10/97	111.09	N1	ND	.41	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	TOLUENE	90MW0081-01	09/10/97	111.09	N1	ND	.5	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0081-01	09/10/97	111.09	N1	ND	.57	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0081-01	09/10/97	111.09	N1	ND	.57	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0081-01	09/10/97	111.09	N1	ND	.62	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0081-01	09/10/97	111.09	N1	ND	.61	1	UG/L	U		JEGO
90MW0081	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0081-01	09/10/97	111.09	N1	ND	.5	1	UG/L	U		JEGO
90MW0083	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0083-01	09/11/97	109.80	N1	ND	.006	.01	UG/L	U		JEGO
90MW0083	WG	E160.2	NONE	SUSPENDED SOLIDS, (RESIDUE, NON-F	90MW0083-01	09/11/97	109.80	N1	ND	3.6	5	MG/L	U		JEGO
90MW0083	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0083-01	09/11/97	109.80	N1	ND	41.2	254	UG/L	U	2H	JEGO
90MW0083	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0083-01	09/11/97	109.80	N1	ND	1.8	13	UG/L	U	2H	JEGO
90MW0083	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0083-01	09/11/97	109.80	N1	ND	1.7	5	UG/L	U		JEGO
90MW0083	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0083-01	09/11/97	109.80	N1	3.5	.2	20	UG/L	J	T	JEGO
90MW0083	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0083-01	09/11/97	109.80	N1	ND	.2	1	UG/L	U		JEGO
90MW0083	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0083-01	09/11/97	109.80	N1	ND	.3	1	UG/L	U		JEGO
90MW0083	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0083-01	09/11/97	109.80	N1	1600	15.6	500	UG/L			JEGO
90MW0083	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0083-01	09/11/97	109.80	N1	ND	.4	5	UG/L	U		JEGO
90MW0083	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0083-01	09/11/97	109.80	N1	ND	2.9	5	UG/L	U	2H	JEGO
90MW0083	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0083-01	09/11/97	109.80	N1	2.9	.8	5	UG/L	J	TZ	JEGO
90MW0083	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0083-01	09/11/97	109.80	N1	ND	18.3	105	UG/L	U	2H	JEGO
90MW0083	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0083-01	09/11/97	109.80	N1	ND	1.1	2	UG/L	U		JEGO
90MW0083	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0083-01	09/11/97	109.80	N1	947	23	500	UG/L			JEGO
90MW0083	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0083-01	09/11/97	109.80	N1	ND	1.4	10	UG/L	U	2H	JEGO
90MW0083	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0083-01	09/11/97	109.80	N1	ND	.9	20	UG/L	U		JEGO
90MW0083	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0083-01	09/11/97	109.80	N1	635	393	750	UG/L	J	T	JEGO
90MW0083	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0083-01	09/11/97	109.80	N1	ND	2.4	3	UG/L	UJ	Z	JEGO
90MW0083	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0083-01	09/11/97	109.80	N1	ND	.4	10	UG/L	U		JEGO
90MW0083	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0083-01	09/11/97	109.80	N1	6770	23.9	500	UG/L			JEGO
90MW0083	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0083-01	09/11/97	109.80	N1	ND	5.7	33.5	UG/L	U	2H	JEGO
90MW0083	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0083-01	09/11/97	109.80	N1	ND	.5	10	UG/L	U		JEGO
90MW0083	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0083-01	09/11/97	109.80	N1	ND	9.8	15.5	UG/L	U	2H	JEGO
90MW0083	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0083-01	09/11/97	109.80	N1	ND	.2	.2	UG/L	UJ	Z	JEGO
90MW0083	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0083-01	09/11/97	109.80	N1	ND	.71	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0083-01	09/11/97	109.80	N1	ND	.6	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0083-01	09/11/97	109.80	N1	ND	.59	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0083-01	09/11/97	109.80	N1	ND	.64	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0083-01	09/11/97	109.80	N1	ND	.69	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0083-01	09/11/97	109.80	N1	ND	.76	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0083-01	09/11/97	109.80	N1	ND	.53	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0083-01	09/11/97	109.80	N1	ND	.49	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0083-01	09/11/97	109.80	N1	ND	.58	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0083-01	09/11/97	109.80	N1	ND	.68	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0083	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0083-01	09/11/97	109.80	N1	ND	.49	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0083-01	09/11/97	109.80	N1	ND	.52	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	2-HEXANONE	90MW0083-01	09/11/97	109.80	N1	ND	3.9	5	UG/L	UJ	QS	JEGO
90MW0083	WG	CVOL	METHOD	BENZENE	90MW0083-01	09/11/97	109.80	N1	ND	.69	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0083-01	09/11/97	109.80	N1	ND	.57	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0083-01	09/11/97	109.80	N1	ND	.6	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	BROMOFORM	90MW0083-01	09/11/97	109.80	N1	ND	.4	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	BROMOMETHANE	90MW0083-01	09/11/97	109.80	N1	ND	.82	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0083-01	09/11/97	109.80	N1	ND	.62	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0083-01	09/11/97	109.80	N1	ND	.64	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	CHLOROBENZENE	90MW0083-01	09/11/97	109.80	N1	ND	.4	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	CHLOROETHANE	90MW0083-01	09/11/97	109.80	N1	ND	.71	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	CHLOROFORM	90MW0083-01	09/11/97	109.80	N1	1.6	.6	1	UG/L			JEGO
90MW0083	WG	CVOL	METHOD	CHLOROMETHANE	90MW0083-01	09/11/97	109.80	N1	ND	.67	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0083-01	09/11/97	109.80	N1	ND	.58	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0083-01	09/11/97	109.80	N1	ND	.58	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0083-01	09/11/97	109.80	N1	ND	.55	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	ETHYLBENZENE	90MW0083-01	09/11/97	109.80	N1	ND	.5	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0083-01	09/11/97	109.80	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90MW0083	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0083-01	09/11/97	109.80	N1	ND	.65	2	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	STYRENE	90MW0083-01	09/11/97	109.80	N1	ND	.48	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0083-01	09/11/97	109.80	N1	ND	.67	2	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0083-01	09/11/97	109.80	N1	ND	.41	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	TOLUENE	90MW0083-01	09/11/97	109.80	N1	ND	.5	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0083-01	09/11/97	109.80	N1	ND	.57	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0083-01	09/11/97	109.80	N1	ND	.57	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0083-01	09/11/97	109.80	N1	ND	.62	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0083-01	09/11/97	109.80	N1	ND	.61	1	UG/L	U		JEGO
90MW0083	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0083-01	09/11/97	109.80	N1	ND	.5	1	UG/L	U		JEGO
90MW0084A	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0084A-01	09/11/97	164.10	N1	ND	.006	.01	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0084A-01	09/11/97	164.10	N1	ND	.71	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0084A-01	09/11/97	164.10	N1	ND	.6	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0084A-01	09/11/97	164.10	N1	ND	.59	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0084A-01	09/11/97	164.10	N1	ND	.64	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0084A-01	09/11/97	164.10	N1	ND	.69	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0084A-01	09/11/97	164.10	N1	ND	.76	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0084A-01	09/11/97	164.10	N1	ND	.53	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0084A-01	09/11/97	164.10	N1	ND	.49	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0084A-01	09/11/97	164.10	N1	ND	.58	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0084A-01	09/11/97	164.10	N1	ND	.68	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0084A-01	09/11/97	164.10	N1	ND	.49	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0084A-01	09/11/97	164.10	N1	ND	.52	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	2-HEXANONE	90MW0084A-01	09/11/97	164.10	N1	ND	3.9	5	UG/L	UJ	QS	JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0084A	WG	CVOL	METHOD	BENZENE	90MW0084A-01	09/11/97	164.10	N1	ND	.69	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0084A-01	09/11/97	164.10	N1	ND	.57	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0084A-01	09/11/97	164.10	N1	ND	.6	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	BROMOFORM	90MW0084A-01	09/11/97	164.10	N1	ND	.4	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	BROMOMETHANE	90MW0084A-01	09/11/97	164.10	N1	ND	.82	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0084A-01	09/11/97	164.10	N1	ND	.62	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0084A-01	09/11/97	164.10	N1	ND	.64	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	CHLOROBENZENE	90MW0084A-01	09/11/97	164.10	N1	ND	.4	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	CHLOROETHANE	90MW0084A-01	09/11/97	164.10	N1	ND	.71	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	CHLOROFORM	90MW0084A-01	09/11/97	164.10	N1	1.2	.6	1	UG/L			JEGO
90MW0084A	WG	CVOL	METHOD	CHLOROMETHANE	90MW0084A-01	09/11/97	164.10	N1	ND	.67	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0084A-01	09/11/97	164.10	N1	ND	.58	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0084A-01	09/11/97	164.10	N1	ND	.58	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0084A-01	09/11/97	164.10	N1	ND	.55	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	ETHYLBENZENE	90MW0084A-01	09/11/97	164.10	N1	ND	.5	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0084A-01	09/11/97	164.10	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90MW0084A	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0084A-01	09/11/97	164.10	N1	ND	.65	2	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	STYRENE	90MW0084A-01	09/11/97	164.10	N1	ND	.48	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0084A-01	09/11/97	164.10	N1	ND	.67	2	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0084A-01	09/11/97	164.10	N1	ND	.41	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	TOLUENE	90MW0084A-01	09/11/97	164.10	N1	ND	.5	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0084A-01	09/11/97	164.10	N1	ND	.57	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0084A-01	09/11/97	164.10	N1	ND	.57	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0084A-01	09/11/97	164.10	N1	ND	.62	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0084A-01	09/11/97	164.10	N1	ND	.61	1	UG/L	U		JEGO
90MW0084A	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0084A-01	09/11/97	164.10	N1	ND	.5	1	UG/L	U		JEGO
90MW0084B	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0084B-01	09/11/97	109.00	N1	ND	.006	.01	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0084B-01	09/11/97	109.00	N1	ND	.71	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0084B-01	09/11/97	109.00	N1	ND	.6	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0084B-01	09/11/97	109.00	N1	ND	.59	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0084B-01	09/11/97	109.00	N1	ND	.64	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0084B-01	09/11/97	109.00	N1	ND	.69	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0084B-01	09/11/97	109.00	N1	ND	.76	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0084B-01	09/11/97	109.00	N1	ND	.53	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0084B-01	09/11/97	109.00	N1	ND	.49	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0084B-01	09/11/97	109.00	N1	ND	.58	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0084B-01	09/11/97	109.00	N1	ND	.68	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0084B-01	09/11/97	109.00	N1	ND	.49	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0084B-01	09/11/97	109.00	N1	ND	.52	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	2-HEXANONE	90MW0084B-01	09/11/97	109.00	N1	ND	3.9	5	UG/L	UJ	QS	JEGO
90MW0084B	WG	CVOL	METHOD	BENZENE	90MW0084B-01	09/11/97	109.00	N1	ND	.69	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0084B-01	09/11/97	109.00	N1	ND	.57	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0084B-01	09/11/97	109.00	N1	ND	.6	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0084B	WG	CVOL	METHOD	BROMOFORM	90MW0084B-01	09/11/97	109.00	N1	ND	.4	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	BROMOMETHANE	90MW0084B-01	09/11/97	109.00	N1	ND	.82	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0084B-01	09/11/97	109.00	N1	ND	.62	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0084B-01	09/11/97	109.00	N1	ND	.64	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	CHLOROBENZENE	90MW0084B-01	09/11/97	109.00	N1	ND	.4	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	CHLOROETHANE	90MW0084B-01	09/11/97	109.00	N1	ND	.71	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	CHLOROFORM	90MW0084B-01	09/11/97	109.00	N1	1.1	.6	1	UG/L			JEGO
90MW0084B	WG	CVOL	METHOD	CHLOROMETHANE	90MW0084B-01	09/11/97	109.00	N1	ND	.67	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0084B-01	09/11/97	109.00	N1	ND	.58	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0084B-01	09/11/97	109.00	N1	ND	.58	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0084B-01	09/11/97	109.00	N1	ND	.55	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	ETHYLBENZENE	90MW0084B-01	09/11/97	109.00	N1	ND	.5	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0084B-01	09/11/97	109.00	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90MW0084B	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0084B-01	09/11/97	109.00	N1	ND	.65	2	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	STYRENE	90MW0084B-01	09/11/97	109.00	N1	ND	.48	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0084B-01	09/11/97	109.00	N1	ND	.67	2	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0084B-01	09/11/97	109.00	N1	ND	.41	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	TOLUENE	90MW0084B-01	09/11/97	109.00	N1	ND	.5	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0084B-01	09/11/97	109.00	N1	ND	.57	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0084B-01	09/11/97	109.00	N1	ND	.57	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0084B-01	09/11/97	109.00	N1	ND	.62	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0084B-01	09/11/97	109.00	N1	ND	.61	1	UG/L	U		JEGO
90MW0084B	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0084B-01	09/11/97	109.00	N1	ND	.5	1	UG/L	U		JEGO
90MW0085A	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0085A-01	09/17/97	126.23	N1	ND	.006	.01	UG/L	U		JEGO
90MW0085A	WG	E160.2	NONE	SUSPENDED SOLIDS (RESIDUE, NON-F	90MW0085A-01	09/17/97	126.23	N1	5	3.6	5	MG/L			JEGO
90MW0085A	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	37.9	16.6	100	UG/L	J	T	JEGO
90MW0085A	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	ND	2.5	9.5	UG/L	U	2H	JEGO
90MW0085A	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	ND	1.7	5	UG/L	U		JEGO
90MW0085A	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	4.6	.2	20	UG/L	J	T	JEGO
90MW0085A	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	ND	.2	1	UG/L	U		JEGO
90MW0085A	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	ND	.3	1	UG/L	U		JEGO
90MW0085A	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	2020	15.6	500	UG/L			JEGO
90MW0085A	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	ND	1.4	5	UG/L	UJ	2Z	JEGO
90MW0085A	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	ND	3	5	UG/L	U	2H	JEGO
90MW0085A	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	ND	.8	5	UG/L	UJ	Z	JEGO
90MW0085A	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	ND	32.8	105	UG/L	U	2H	JEGO
90MW0085A	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	ND	1.1	2	UG/L	U		JEGO
90MW0085A	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	1040	23	500	UG/L			JEGO
90MW0085A	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	17.5	.3	10	UG/L			JEGO
90MW0085A	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	2.2	.9	20	UG/L	J	T	JEGO
90MW0085A	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	791	393	750	UG/L			JEGO
90MW0085A	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	ND	2.4	3	UG/L	UJ	Z	JEGO
90MW0085A	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	ND	.4	10	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0085A	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	7210	23.9	500	UG/L			JEGO
90MW0085A	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	ND	6.2	37.5	UG/L	U	2H	JEGO
90MW0085A	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	ND	.5	10	UG/L	U		JEGO
90MW0085A	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	18.9	1.3	5	UG/L			JEGO
90MW0085A	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0085A-01	09/17/97	126.23	N1	ND	.2	.2	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0085A-01	09/17/97	126.23	N1	ND	.71	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0085A-01	09/17/97	126.23	N1	ND	.6	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0085A-01	09/17/97	126.23	N1	ND	.59	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0085A-01	09/17/97	126.23	N1	ND	.64	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0085A-01	09/17/97	126.23	N1	ND	.69	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0085A-01	09/17/97	126.23	N1	ND	.76	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0085A-01	09/17/97	126.23	N1	ND	.53	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0085A-01	09/17/97	126.23	N1	ND	.49	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0085A-01	09/17/97	126.23	N1	ND	.58	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0085A-01	09/17/97	126.23	N1	ND	.68	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0085A-01	09/17/97	126.23	N1	ND	.49	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0085A-01	09/17/97	126.23	N1	ND	.52	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	2-HEXANONE	90MW0085A-01	09/17/97	126.23	N1	ND	3.9	5	UG/L	UJ	QS	JEGO
90MW0085A	WG	CVOL	METHOD	BENZENE	90MW0085A-01	09/17/97	126.23	N1	ND	.69	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0085A-01	09/17/97	126.23	N1	ND	.57	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0085A-01	09/17/97	126.23	N1	ND	.6	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	BROMOFORM	90MW0085A-01	09/17/97	126.23	N1	ND	.4	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	BROMOMETHANE	90MW0085A-01	09/17/97	126.23	N1	ND	.82	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0085A-01	09/17/97	126.23	N1	ND	.62	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0085A-01	09/17/97	126.23	N1	ND	.64	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	CHLOROBENZENE	90MW0085A-01	09/17/97	126.23	N1	ND	.4	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	CHLOROETHANE	90MW0085A-01	09/17/97	126.23	N1	ND	.71	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	CHLOROFORM	90MW0085A-01	09/17/97	126.23	N1	1.3	.6	1	UG/L			JEGO
90MW0085A	WG	CVOL	METHOD	CHLOROMETHANE	90MW0085A-01	09/17/97	126.23	N1	ND	.67	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0085A-01	09/17/97	126.23	N1	ND	.58	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0085A-01	09/17/97	126.23	N1	ND	.58	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0085A-01	09/17/97	126.23	N1	ND	.55	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	ETHYLBENZENE	90MW0085A-01	09/17/97	126.23	N1	ND	.5	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0085A-01	09/17/97	126.23	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90MW0085A	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0085A-01	09/17/97	126.23	N1	ND	.65	2	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	STYRENE	90MW0085A-01	09/17/97	126.23	N1	ND	.48	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0085A-01	09/17/97	126.23	N1	ND	.67	2	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0085A-01	09/17/97	126.23	N1	ND	.41	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	TOLUENE	90MW0085A-01	09/17/97	126.23	N1	ND	.5	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0085A-01	09/17/97	126.23	N1	ND	.57	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0085A-01	09/17/97	126.23	N1	ND	.57	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0085A-01	09/17/97	126.23	N1	ND	.62	1	UG/L	U		JEGO
90MW0085A	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0085A-01	09/17/97	126.23	N1	ND	.61	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0085A	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0085A-01	09/17/97	126.23	N1	ND	.5	1	UG/L	U		JEGO
90MW0085B	WG	E504	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0085B-01	09/17/97	92.13	N1	ND	.006	.01	UG/L	U		JEGO
90MW0085B	WG	E160.2	NONE	SUSPENDED SOLIDS (RESIDUE, NON-F	90MW0085B-01	09/17/97	92.13	N1	ND	3.6	5	MG/L	U		JEGO
90MW0085B	WG	C200.7	TOTAL	ALUMINUM (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	52.7	16.6	100	UG/L	J	T	JEGO
90MW0085B	WG	C200.7	TOTAL	ANTIMONY (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	ND	1.2	5	UG/L	U		JEGO
90MW0085B	WG	C200.7	TOTAL	ARSENIC (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	ND	1.7	5	UG/L	U		JEGO
90MW0085B	WG	C200.7	TOTAL	BARIUM (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	17	.2	20	UG/L	J	T	JEGO
90MW0085B	WG	C200.7	TOTAL	BERYLLIUM (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	ND	.2	1	UG/L	U		JEGO
90MW0085B	WG	C200.7	TOTAL	CADMIUM (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	ND	.3	1	UG/L	U		JEGO
90MW0085B	WG	C200.7	TOTAL	CALCIUM (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	2830	15.6	500	UG/L			JEGO
90MW0085B	WG	C200.7	TOTAL	CHROMIUM (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	ND	.74	5	UG/L	UJ	2Z	JEGO
90MW0085B	WG	C200.7	TOTAL	COBALT (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	ND	2.1	5	UG/L	U	2H	JEGO
90MW0085B	WG	C200.7	TOTAL	COPPER (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	ND	.8	5	UG/L	UJ	Z	JEGO
90MW0085B	WG	C200.7	TOTAL	IRON (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	123	8.1	100	UG/L			JEGO
90MW0085B	WG	C200.7	TOTAL	LEAD (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	ND	1.1	2	UG/L	U		JEGO
90MW0085B	WG	C200.7	TOTAL	MAGNESIUM (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	1620	23	500	UG/L			JEGO
90MW0085B	WG	C200.7	TOTAL	MANGANESE (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	43.6	.3	10	UG/L			JEGO
90MW0085B	WG	C200.7	TOTAL	NICKEL (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	ND	.9	20	UG/L	U		JEGO
90MW0085B	WG	C200.7	TOTAL	POTASSIUM (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	867	393	750	UG/L			JEGO
90MW0085B	WG	C200.7	TOTAL	SELENIUM (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	ND	2.4	3	UG/L	UJ	Z	JEGO
90MW0085B	WG	C200.7	TOTAL	SILVER (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	ND	.4	10	UG/L	U		JEGO
90MW0085B	WG	C200.7	TOTAL	SODIUM (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	8320	23.9	500	UG/L			JEGO
90MW0085B	WG	C200.7	TOTAL	THALLIUM (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	ND	5.9	37.5	UG/L	U	2H	JEGO
90MW0085B	WG	C200.7	TOTAL	VANADIUM (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	ND	.5	10	UG/L	U		JEGO
90MW0085B	WG	C200.7	TOTAL	ZINC (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	7.5	1.3	5	UG/L			JEGO
90MW0085B	WG	C245.2	TOTAL	MERCURY (TOTAL)	90MW0085B-01	09/17/97	92.13	N1	ND	.2	.2	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	1,1,1-TRICHLOROETHANE	90MW0085B-01	09/17/97	92.13	N1	ND	.71	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	1,1,2,2-TETRACHLOROETHANE	90MW0085B-01	09/17/97	92.13	N1	ND	.6	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	1,1,2-TRICHLOROETHANE	90MW0085B-01	09/17/97	92.13	N1	ND	.59	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	1,1-DICHLOROETHANE	90MW0085B-01	09/17/97	92.13	N1	ND	.64	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	1,1-DICHLOROETHENE	90MW0085B-01	09/17/97	92.13	N1	ND	.69	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	1,2,4-TRICHLOROBENZENE	90MW0085B-01	09/17/97	92.13	N1	ND	.76	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	1,2-DIBROMOETHANE (EDB)	90MW0085B-01	09/17/97	92.13	N1	ND	.53	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	1,2-DICHLOROBENZENE	90MW0085B-01	09/17/97	92.13	N1	ND	.49	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	1,2-DICHLOROETHANE	90MW0085B-01	09/17/97	92.13	N1	ND	.58	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	1,2-DICHLOROPROPANE	90MW0085B-01	09/17/97	92.13	N1	ND	.68	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	1,3-DICHLOROBENZENE	90MW0085B-01	09/17/97	92.13	N1	ND	.49	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	1,4-DICHLOROBENZENE	90MW0085B-01	09/17/97	92.13	N1	ND	.52	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	2-HEXANONE	90MW0085B-01	09/17/97	92.13	N1	ND	3.9	5	UG/L	UJ	QS	JEGO
90MW0085B	WG	CVOL	METHOD	BENZENE	90MW0085B-01	09/17/97	92.13	N1	ND	.69	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	BROMOCHLOROMETHANE	90MW0085B-01	09/17/97	92.13	N1	ND	.57	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	BROMODICHLOROMETHANE	90MW0085B-01	09/17/97	92.13	N1	ND	.6	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	BROMOFORM	90MW0085B-01	09/17/97	92.13	N1	ND	.4	1	UG/L	U		JEGO

Location	Matrix	Test	Prep	Analyte	Sample ID	Date	Depth	Type	Result	DL	RL	Units	Qual	RC	VAL ID
90MW0085B	WG	CVOL	METHOD	BROMOMETHANE	90MW0085B-01	09/17/97	92.13	N1	ND	.82	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	CARBON DISULFIDE	90MW0085B-01	09/17/97	92.13	N1	ND	.62	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	CARBON TETRACHLORIDE	90MW0085B-01	09/17/97	92.13	N1	ND	.64	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	CHLOROBENZENE	90MW0085B-01	09/17/97	92.13	N1	ND	.4	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	CHLOROETHANE	90MW0085B-01	09/17/97	92.13	N1	ND	.71	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	CHLOROFORM	90MW0085B-01	09/17/97	92.13	N1	ND	.6	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	CHLOROMETHANE	90MW0085B-01	09/17/97	92.13	N1	ND	.67	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	CIS-1,2-DICHLOROETHYLENE	90MW0085B-01	09/17/97	92.13	N1	ND	.58	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	CIS-1,3-DICHLOROPROPENE	90MW0085B-01	09/17/97	92.13	N1	ND	.58	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	DIBROMOCHLOROMETHANE	90MW0085B-01	09/17/97	92.13	N1	ND	.55	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	ETHYLBENZENE	90MW0085B-01	09/17/97	92.13	N1	ND	.5	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	METHYL ISOBUTYL KETONE (4-METHYL	90MW0085B-01	09/17/97	92.13	N1	ND	3.6	5	UG/L	UJ	QS	JEGO
90MW0085B	WG	CVOL	METHOD	METHYLENE CHLORIDE	90MW0085B-01	09/17/97	92.13	N1	ND	.65	2	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	STYRENE	90MW0085B-01	09/17/97	92.13	N1	ND	.48	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	TERT-BUTYL METHYL ETHER	90MW0085B-01	09/17/97	92.13	N1	ND	.67	2	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	TETRACHLOROETHYLENE(PCE)	90MW0085B-01	09/17/97	92.13	N1	ND	.41	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	TOLUENE	90MW0085B-01	09/17/97	92.13	N1	ND	.5	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	TRANS-1,2-DICHLOROETHENE	90MW0085B-01	09/17/97	92.13	N1	ND	.57	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	TRANS-1,3-DICHLOROPROPENE	90MW0085B-01	09/17/97	92.13	N1	ND	.57	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	TRICHLOROETHYLENE (TCE)	90MW0085B-01	09/17/97	92.13	N1	ND	.62	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	VINYL CHLORIDE	90MW0085B-01	09/17/97	92.13	N1	ND	.61	1	UG/L	U		JEGO
90MW0085B	WG	CVOL	METHOD	XYLENES, TOTAL	90MW0085B-01	09/17/97	92.13	N1	ND	.5	1	UG/L	U		JEGO
FIELDQC	WQ	E415.1	NONE	TOTAL ORGANIC CARBON	9709G792-003LR 31195	09/05/97	0.00	LR1	6.31	.52	1	MG/L			JEGO
FIELDQC	WQ	E415.1	NONE	TOTAL ORGANIC CARBON	9709G792-003LR 31195	09/05/97	0.00	LR1	ND	.52	1	MG/L	U		JEGO
FIELDQC	WQ	E415.1	NONE	TOTAL ORGANIC CARBON	9709G863-069LR 31612	09/09/97	0.00	LR1	ND	.52	1	MG/L	U		JEGO
FIELDQC	WQ	E415.1	NONE	TOTAL ORGANIC CARBON	9709G863-069LR 31612	09/09/97	0.00	LR1	ND	.52	1	MG/L	U		JEGO
FIELDQC	WQ	E415.1	NONE	TOTAL ORGANIC CARBON	9709G863-069LR 31612	09/09/97	0.00	LR1	14.3	.52	1	MG/L	J	SL	JEGO
FIELDQC	WQ	E415.1	NONE	TOTAL ORGANIC CARBON	9709G863-069LR 31612	09/09/97	0.00	LR1	17.1	.52	1	MG/L	J	SH	JEGO
FIELDQC	WQ	E415.1	NONE	TOTAL ORGANIC CARBON	9709G863-069LR 31612	09/09/97	0.00	LR1	ND	.52	1	MG/L	U		JEGO
FIELDQC	WQ	E415.1	NONE	TOTAL ORGANIC CARBON	9709G863-069LR 31612	09/09/97	0.00	LR1	44.1	2.6	5	MG/L			JEGO
FIELDQC	WQ	E415.1	NONE	TOTAL ORGANIC CARBON	9709G897-069LR 31929	09/10/97	0.00	LR1	ND	.52	1	MG/L	U		JEGO
FIELDQC	WQ	E415.1	NONE	TOTAL ORGANIC CARBON	9709G897-069LR 31929	09/10/97	0.00	LR1	ND	.52	1	MG/L	U		JEGO
FIELDQC	WQ	E415.1	NONE	TOTAL ORGANIC CARBON	9709G897-069LR 31929	09/10/97	0.00	LR1	ND	.52	1	MG/L	U		JEGO
FIELDQC	WQ	E415.1	NONE	TOTAL ORGANIC CARBON	9709G924-043LR 31699	09/11/97	0.00	LR1	3.58	.52	1	MG/L			JEGO
FIELDQC	WQ	E415.1	NONE	TOTAL ORGANIC CARBON	9709G924-043LR 31699	09/11/97	0.00	LR1	.666	.52	1	MG/L	J	T	JEGO

JACOBS ENGINEERING
Engineers and Constructors

Jacobs Engineering Group Inc.
Building 318, 318 East Inner Road
Otis ANG Base, Massachusetts 02542
508•564•5746 Fax 508•564•6425

18 June 1999

Mr. Jim F. Snyder
Remediation Program Manager
HQ AFCEE/MMR
322 East Inner Road, Box 41
Otis ANG Base, MA 02542-5028

SUBJECT: Contract F41624-97-D-8006
MMR Plume Response Program
DO 03 DCN/PROJECT # AFC-J23-35Q85002-M17-0009
Final Fuel Spill - 12 (FS-12) First Quarter Performance Monitoring Evaluation (PME) Data Report

Dear Mr. Snyder:

As directed by the Air Force Center for Environmental Excellence, Jacobs Engineering Group Inc. is hereby providing twenty-two bound copies, one unbound copy, and 1 electronic copy of the above referenced document, dated June 1999. Copies are also being sent to the appropriate agencies.

Please feel free to contact me or Paul Nixon at (508) 564-5746 extension 263, if you have any questions or comments.

Sincerely,

Eric W. Banks, P. E.
Program Manager

EWB/ctg

Enclosures: Document (23 & 1 EDD)

c:

Paul Marchessault, EPA (3)	Mary Ellen Maly, AEC (1)	Warren Webb, TRET (1)	Bill Klein, JRT
Lynne Doty, DEP (1)	Tom Cambareri, TRET (1)	Dick Willey, TRET (1)	Drew Tingley, JRT (1)
Leonard Pinaud, DEP (4)	Ray Kutzman, TRET (1)	Scott Richmond, GF (1)	Don Taft, JRT (1)
Dave Hill, ARE (1)	Denis LeBlanc, TRET (2)	Jim Quinn, FEC (1)	Doc. Control File, JEG (2)
Larry Lumeh, ARE (1)	Richard Peralta, TRET (1)	Paul Nixon, JEG (2)	
Jo Ann Watson, ARE (1)	Patti Tyler, TRET (1)	Lisa Allinger, JEG (1)	

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE
INSTALLATION RESTORATION PROGRAM
OTIS AIR NATIONAL GUARD BASE, MA 02542-5028

21 Jun 1999

MEMORANDUM FOR NGB-PAI-E
ATTENTION: MR. JOHN REINDERS

FROM: HQ AFCEE/MMR
322 East Inner Road, Box 41
Otis ANG Base, MA 02542-5028

SUBJECT: Final Document

1. Attached please find a copy of the document entitled "Final Spill-12 (FS-12) Baseline Performance Monitoring Evaluation (PME) Data Report" dated June 1999.

2. If you have any questions, please contact Rose Forbes at (508) 968-4670, extension 5613.

JIM F. SNYDER
Remediation Program Manager

Attachment:
Document

cc:
Rose Forbes (w/o atch)

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE
INSTALLATION RESTORATION PROGRAM
OTIS AIR NATIONAL GUARD BASE, MA 02542-5028

21 Jun 1999

MEMORANDUM FOR AFCEE/ERC
ATTENTION: MS. BARBARA SMITH-TOWNSEND

FROM: HQ AFCEE/MMR
322 East Inner Road, Box 41
Otis ANG Base, MA 02542-5028

SUBJECT: Final Document

1. Attached please find three copies of the document entitled "Final-12 (FS-12) Baseline Performance Monitoring Evaluation (PME) Data Report" dated June 1999.

2. If you have any questions, please contact Rose Forbes at (508) 968-4670, extension 5613.

JIM F. SNYDER
Remediation Program Manager

Attachment:
Document (3 copies)

cc:
Rose Forbes (w/o atch)

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE
INSTALLATION RESTORATION PROGRAM
OTIS AIR NATIONAL GUARD BASE, MA 02542-5028

21 Jun 1999

MEMORANDUM FOR SAF/LLP
ATTENTION: MS CHARLOTTE MOYER

FROM: HQ AFCEE/MMR
322 East Inner Road, Box 41
Otis ANG Base, MA 02542-5028

SUBJECT: Final Report

1. Please be advised that the "Final Spill-12 (FS-12) Baseline Performance Monitoring Evaluation (PME) Data Report" dated June 1999.

2. If you have any questions, please contact Rose Forbes at (508) 968-4670, extension 5613.

JIM F SNYDER
Remediation Program Manager

cc:
Rose Forbes (w/o atch)

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE
INSTALLATION RESTORATION PROGRAM
OTIS AIR NATIONAL GUARD BASE, MA 02542-5028

21 Jun 1999

MEMORANDUM FOR AFCEE/JA
ATTENTION: MR. WILLIAM DICK

FROM: HQ AFCEE/MMR
322 East Inner Road, Box 41
Otis ANG Base, MA 02542-5028

SUBJECT: Final Document

1. Attached please find a copy of the document entitled "Final Spill-12 (FS-12) Baseline Performance Monitoring Evaluation (PME) Data Report" dated June 1999.

2. If you have any questions, please contact Rose Forbes (508) 968-4670, extension 5613.

JIM F. SNYDER
Remediation Program Manager

Attachment:
Document

cc:
Rose Forbes (w/o atch)